

Oklahoma Comprehensive Water Plan 2011 Update

Provider Survey Summary Report

December 2009

This study was funded through an agreement with the Oklahoma Water Resources Board under its authority to update the Oklahoma Comprehensive Water Plan, the state's long-range water planning strategy, due for submittal to the State Legislature in 2012. Results from this and other studies have been incorporated where appropriate in the OCWP's technical and policy considerations.

The general goal of the OCWP is to ensure reliable water supplies for all Oklahomans through integrated and coordinated water resources planning and to provide information so that water providers, policy-makers, and water users can make informed decisions concerning the use and management of Oklahoma's water resources.

Oklahoma Comprehensive Water Plan

OCWP

*Prepared by CDM under a cooperative agreement between the
United States Army Corps of Engineers and the Oklahoma Water Resources Board*

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Acronyms

| | |
|-------|--|
| CFD | cumulative frequency distribution |
| gpcd | gallons per capita per day |
| gpd | gallons per day |
| M&I | municipal and industrial |
| mgd | million gallons per day |
| OCWP | Oklahoma Comprehensive Water Plan |
| OML | Oklahoma Municipal League |
| ORWA | Oklahoma Rural Water Association |
| OWRB | Oklahoma Water Resources Board |
| SDWIS | Safe Drinking Water Information System |

Section 1

Introduction

In 2008, as part of the Oklahoma Comprehensive Water Plan (OCWP) 2011 update, a survey was sent to 785 municipal and rural water providers to collect information on water supply systems across the state. The Oklahoma Rural Water Association (ORWA) and the Oklahoma Municipal League (OML) assisted the Oklahoma Water Resources Board (OWRB) in collecting responses from individual providers. Of the 785 providers receiving a survey, 561 responded. The 561 responding providers serve an estimated population of 3,100,000 Oklahoma residents. Not all 561 responding providers reported the population they served in 2007. Population information for responding providers who did not report 2007 population served was obtained from the Safe Drinking Water Information System (SDWIS) Database. The providers that responded to the survey serve water to about 86 percent of the state's 3,600,000 total residents.

The survey was designed to gather information on public water suppliers' planning efforts, supply needs, and infrastructure needs. The OCWP is taking unprecedented steps to consider the needs of public water suppliers as the OWRB plans for the needs of Oklahoma's citizens now and for the next 50 years. The information obtained from this survey provides foundational data and insights that are being used in the following ways:

- Development of county- and provider-level demand projections, using providers' survey responses to estimate existing regional-specific per-capita water demands
- Statewide assessment of public water supply systems, as documented in this report
- Provider-specific information that will be integrated into the Basin Supply Fact Sheets and Watershed Supply Assessments in subsequent phases of the OCWP development
- Data to make provider-level water use projections, when limited local data are available, for use in their individual planning efforts or project planning in the future

The survey addressed questions related to supplies, demands, infrastructure, and conservation. A copy of the provider survey is presented in Appendix A. The questions were categorized as follows:

- Five provider identification and planning background questions
- Five water conservation questions
- Fifteen demand questions
- Five purchased water supply questions
- Fifteen water supply questions
- Twenty-seven existing infrastructure questions
- Eleven reuse questions
- Two questions to allow providers to offer additional comments

1.1 Survey Respondents

Public water supply providers surveyed include both municipalities and rural water districts. Providers that categorized themselves as "Other" include but are not limited to limited service water trusts, government agencies, small water corporations, and non-profit corporations. A summary of responding provider types is presented in Figure 1-1. The relative proportion of municipal and rural water districts that responded to the survey is similar to the proportion reported in the SDWIS Database. Figure 1-2 presents the geographic location of responding providers by type. As expected, municipal providers are more prevalent in the vicinity of larger population centers such as Tulsa and Oklahoma City. Overall, the survey captured responses from providers across all regions of Oklahoma.

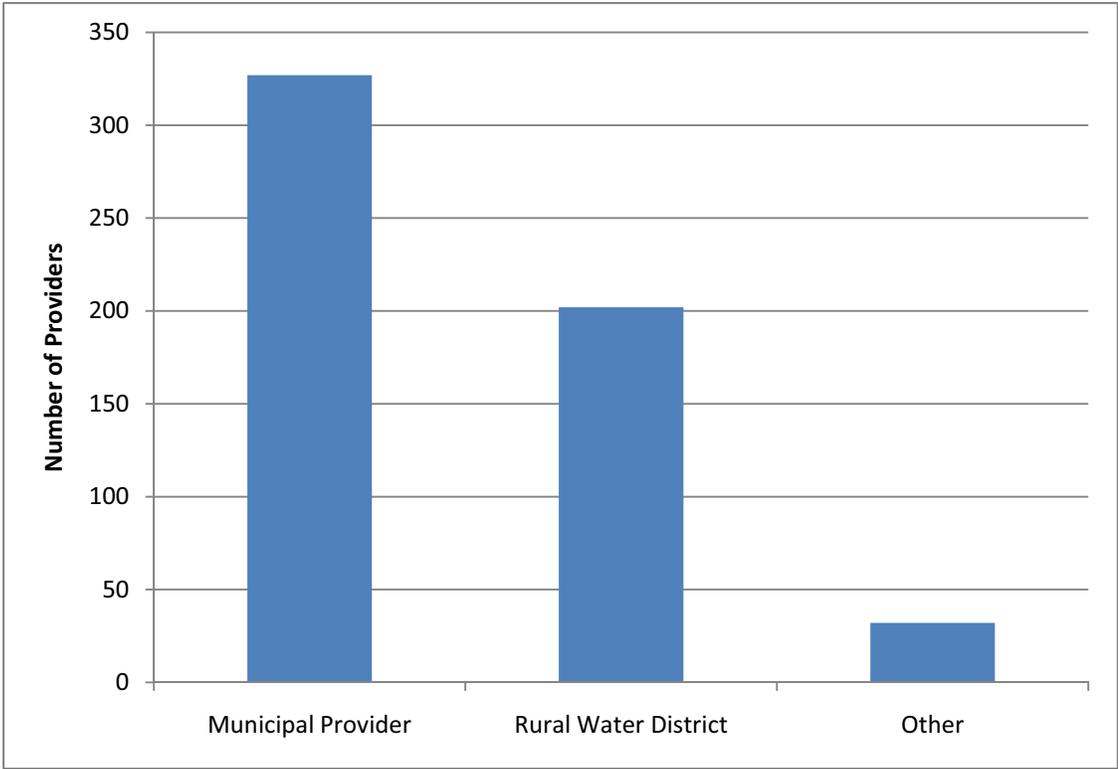


Figure 1-1
 Summary of Responding Provider Types

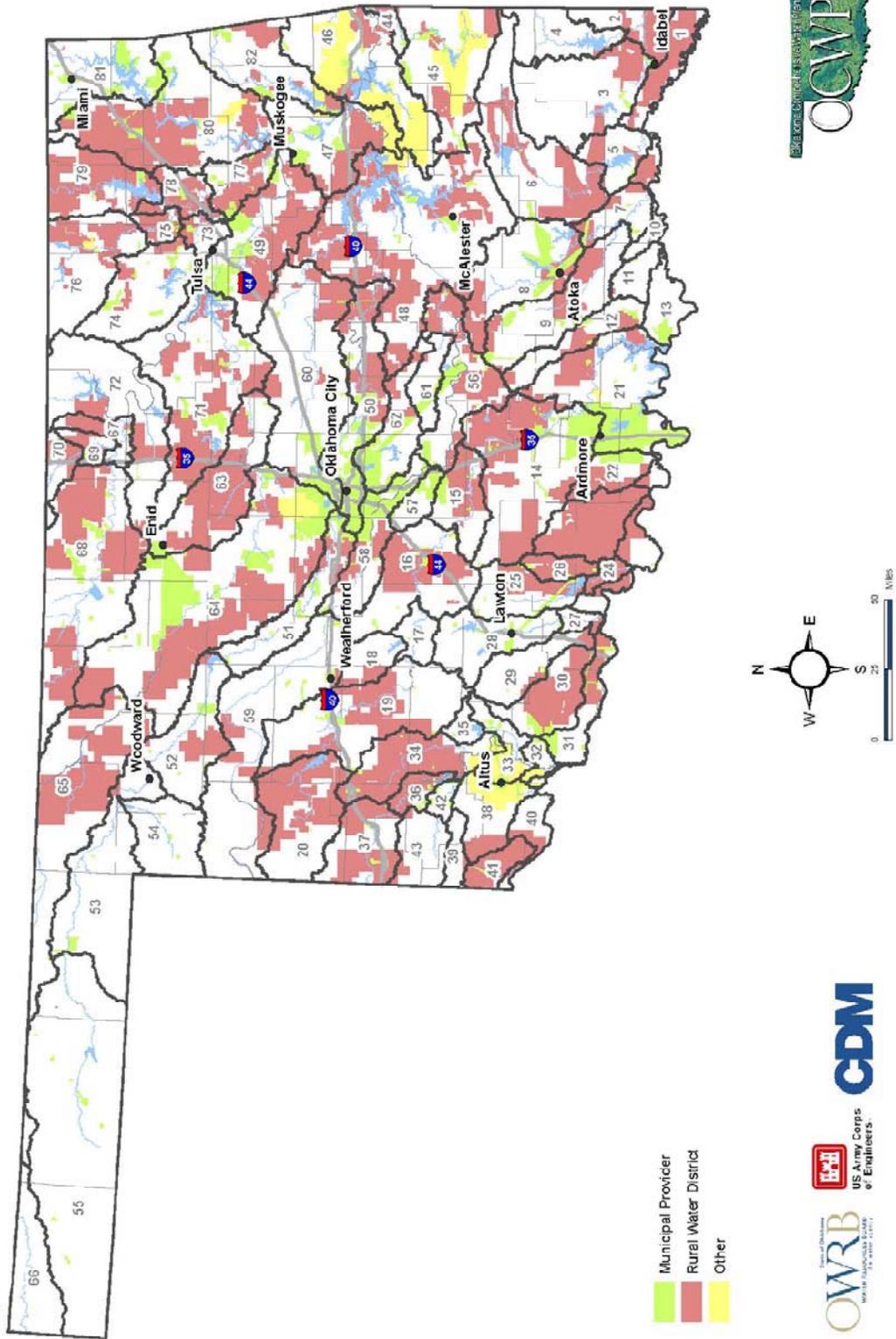


Figure 1-2
 Areas Served by Each Type of Responding Provider

1.2 Data Cleaning

Providers were given the option to enter survey responses directly via an online web-based survey or to provide a paper copy to the ORWA, OML, or OWRB. OWRB staff entered all paper responses into the online survey; the responses were then compiled into a Microsoft Excel database for analysis. After the survey results were compiled into a single database, the responses to each question were reviewed for consistency. Some of the data had to be manually revised because responses were not provided in the requested format; this process is referred to as data cleaning.

The data collected in this survey were cleaned using a two-step process. First, data that did not fit the correct data type were corrected (e.g., convert units, removing text responses to numerical response questions, converting percentages to decimal format). Second, numerical results were compared to reasonable ranges based on engineering judgment, and responses that were outside of the reasonable range were investigated further. For example, a provider may have responded to a question in units of gallons per day (gpd), when the question required a response in million gallons per day (mgd). Summary sheets for individual providers incorporating the cleaned data are provided in Appendix B.

1.3 Report Overview

This report summarizes survey responses based on the four overall survey categories (demands, supplies, infrastructure, and conservation). The intent of this analysis is to present an overview of conditions statewide based on the sample of providers that responded, as well as provide direction and guidance on how to interpret the graphical responses that summarize individual questions. Note that the number of responding providers varied from one question to another, which means that the statistical certainty varies greatly. The minimum sampling margin of error is ± 2.21 percent (at a 95 percent confidence level for the 785 providers) if all 561 providers answered a given question. However, the number of respondents that answered the questions varied significantly from one question to another. As such, this analysis is not intended to be a statistically valid survey. Rather, it is used to characterize conditions of a broad range of providers based on those who responded to each question in the survey.

Section 2

Demands

Provider responses to demand-related questions were used to quantify population served, to quantify growth rates, and as input to demand projections for the municipal and industrial (M&I) demand sector. The 2007 reported total demand was 193.4 billion gallons per year. Individual providers serve a wide range of populations, for example:

- Nearly 50 percent of responding providers provide water to populations less than 1,000
- More than 90 percent of responding providers provide water to populations less than 10,000

The two largest providers, Oklahoma City and Tulsa, indicated that they serve over 600,000 and 470,000 people, respectively.

2.1 Population

To identify potential trends based on population served, responses to selected questions were subdivided into three population groups:

- Providers serving populations of less than 1,000
- Providers serving populations between 1,000 and 10,000
- Providers serving populations greater than 10,000

These groupings were selected subjectively to partition the respondents into three major groups for comparison to one another. A summary of the quantity and population of responding providers by population groups is presented in Table 2-1.

Table 2-1 – Characteristics of Responding Providers by Population Served

| | | Population <=1,000 | Population 1,001-10,000 | Population >10,000 |
|--|---------|-----------------------|----------------------------|-----------------------|
| Number of Responding Providers | | 246 | 269 | 46 |
| Percentage of Responding Providers | | 44% | 48% | 8% |
| Percentage of State Population Served | | 3% | 22% | 61% |
| Population Served by Responding Providers | Average | 450 | 2,972 | 47,990 |
| | Median | 382 | 2,350 | 21,245 |

Figure 2-1 presents a cumulative frequency distribution (CFD) plot of population estimates for 2007 and future planning horizons based on the responding providers. To use the CFD figures, read the desired percentage of responding providers on the y (vertical) axis, draw a horizontal line across until it intersects with the cumulative distribution line. Then draw a vertical line to the x axis. Note that the scale of the x axis is logarithmic, where each major gridline interval represents a 10-fold increase (e.g., 10 to 100, or 10,000 to 100,000). For example, as shown in Figure 2-1, approximately 50 percent of the responding providers served less than approximately 1,200 people in 2007; approximately 90 percent of responding providers served less than 10,000 people in 2007.

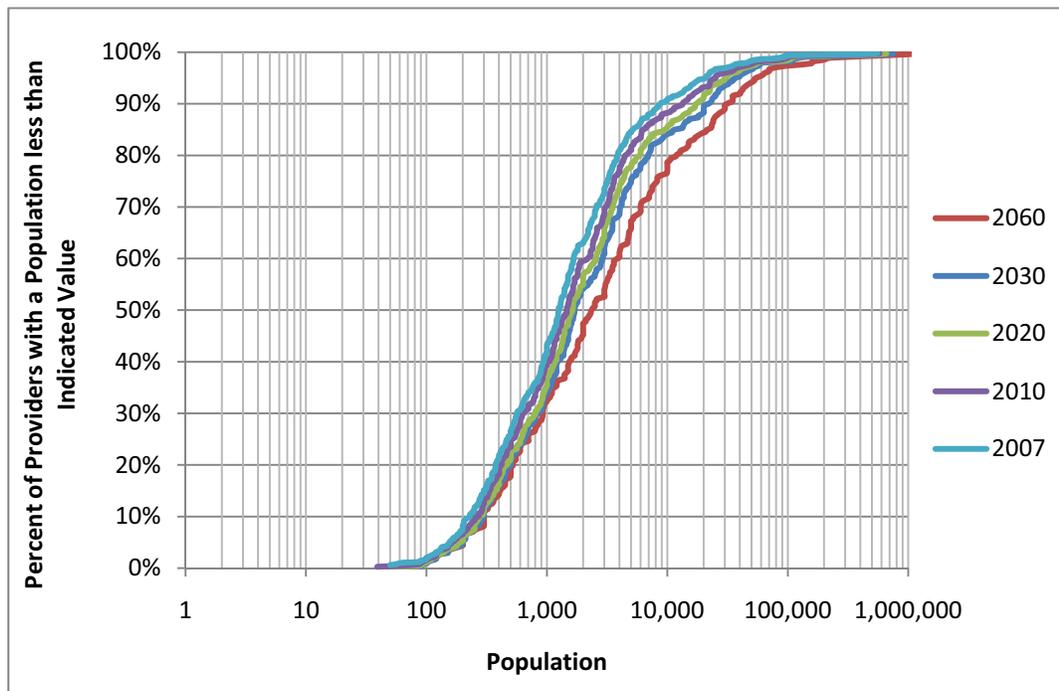


Figure 2-1
 Population Estimates

Figure 2-1 indicates that significant growth (in terms of population served per provider) is expected for providers that serve over 1,000 people, as indicated by the vertical separation between the 2007 and the 2060 CFD. For instance, approximately 40 percent of providers currently serve less than 1,000 people (60 percent of providers currently serve greater than 1,000 people). However, in 2060 approximately 70 percent of providers will be serving populations greater than 1,000. Currently only 10 percent of providers are serving a population of 10,000 or more; in 2060, more than 20 percent of providers will be serving that population.

2.2 Water Demands

Providers reported average daily demands for 2007 and projected demands for future planning horizons in 10-year increments from 2010 to 2060. Of the responding providers, 50 percent of providers had a 2007 demand estimate greater than 0.17 mgd. In 2060, 50 percent of responding providers expect to have a demand greater than 0.44 mgd. Figure 2-2 presents the CFD of responding provider demand estimates. As expected, the CFD of the average daily demand values resembles the CFD of population.

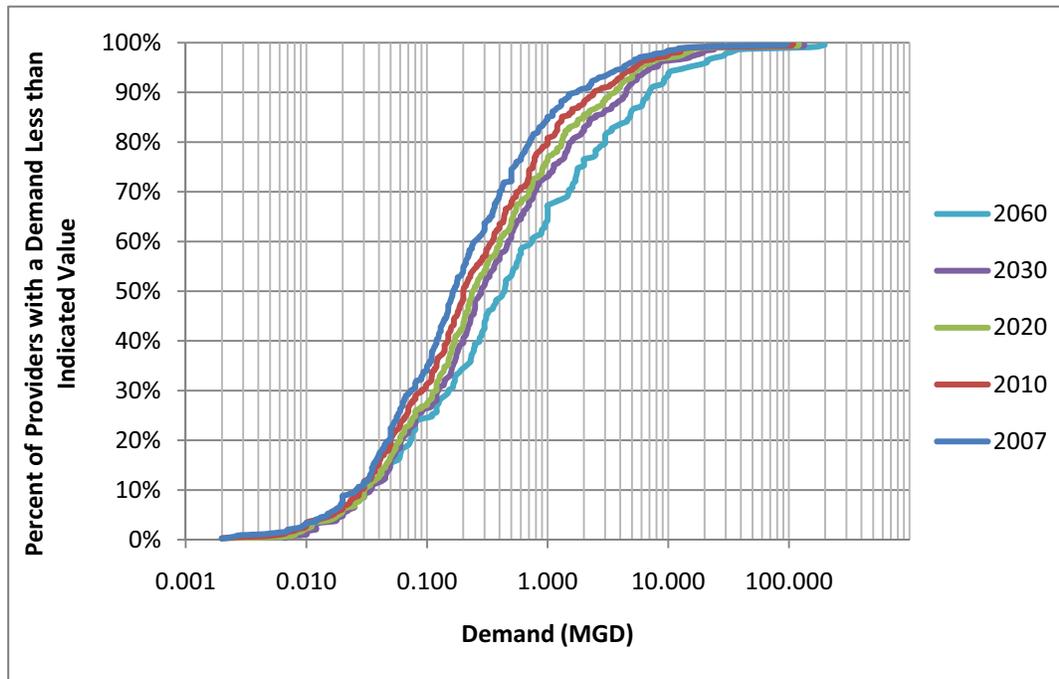


Figure 2-2
 Current and Future Average Day Demand Estimates Through the 2060 Planning Horizon

The 2007 demand estimates presented in Figure 2-2 were subdivided into various categories in Figure 2-3. The percentages in Figure 2-3 were weighted based on the population served by the provider, and therefore represent the relative percent served by all responding providers across the state. For example, for the responding providers, nearly 60 percent of the total demand is residential; nearly 20 percent is commercial. On a statewide basis, based on the responding providers, nearly 10 percent of the demand represents unbilled or unaccounted for water. Authorized unmetered water uses include uses such as fire training, fire fighting, water line and reservoir flushing, and water used for street cleaning. Real loss as a percent of total production can usually be maintained at less than about 10 percent through system leak detection and line replacement programs.

The water demand per person for a provider, which was subsequently used (outside this analysis) for predicting future water demands, was calculated for the responding providers in gallons per capita per day (gpcd). This value may change based on local industry and commercial business characteristics, precipitation, amount of outdoor irrigation, indoor use, conservation programs, system water loss, etc. The gpcd results for the responding providers are presented in Figure 2-4. The figure indicates that approximately 80 percent of the responding providers used less than or equal to 200 gpcd in 2007.

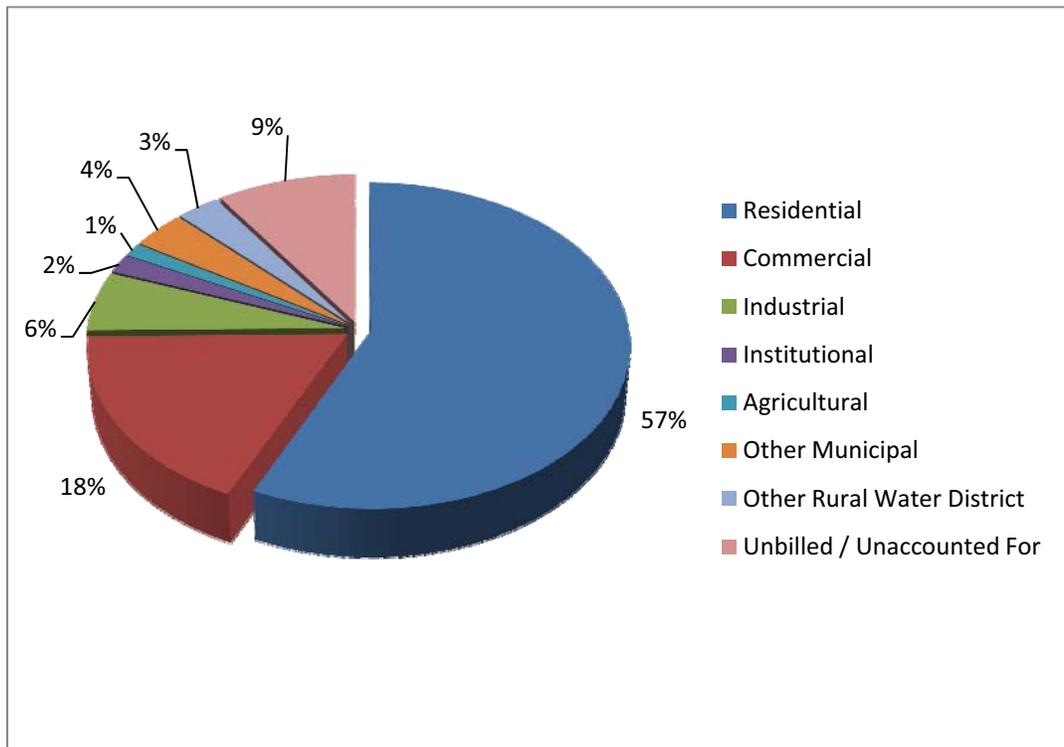


Figure 2-3
 Public Water System Supplied 2007 Demands Weighted by Provider Population

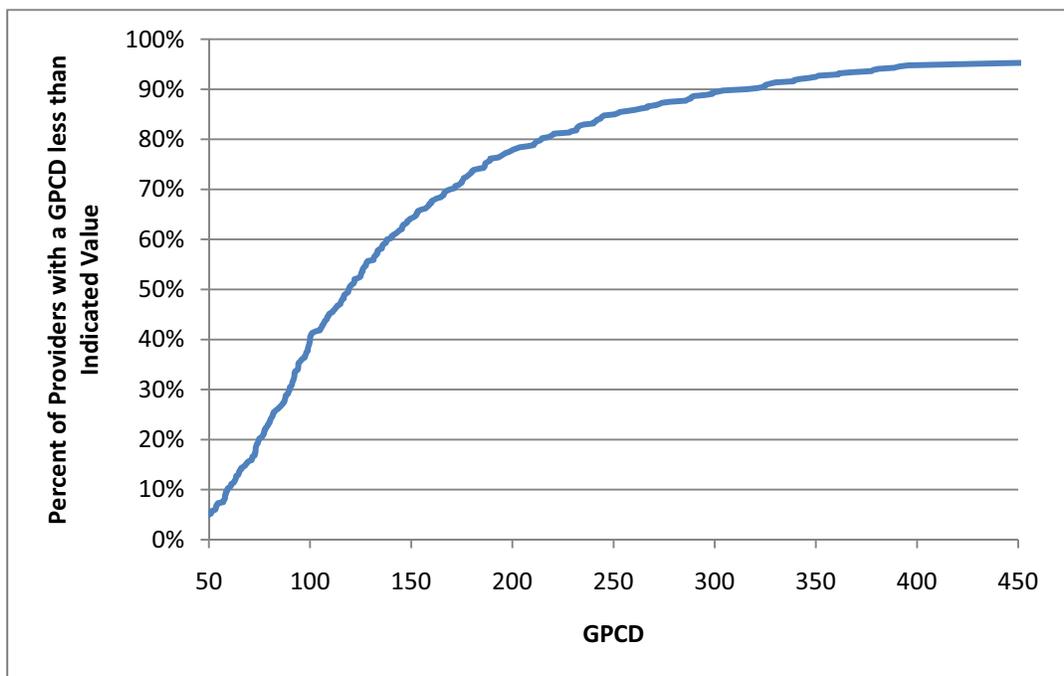


Figure 2-4
 Calculated Distribution of GPCD Demand from Provider Estimates

Demands fluctuate on a seasonal and on a daily basis. On a seasonal basis, demands are often highest during the summer primarily because of irrigation; on a daily basis, the highest single-day demand ("peak day" demand) is also typically driven by outdoor irrigation usage. The reported 2007 peak day demands were divided by the reported 2007 annual average demands to calculate the peaking factor. Peaking factors are critical in sizing treatment and distribution infrastructure, and can significantly influence the capital costs of infrastructure. An overall average statewide peaking factor of 2.3 was estimated, based on sufficient information being submitted by 320 providers. The CFD of individual providers' peaking factors is shown in Figure 2-5.

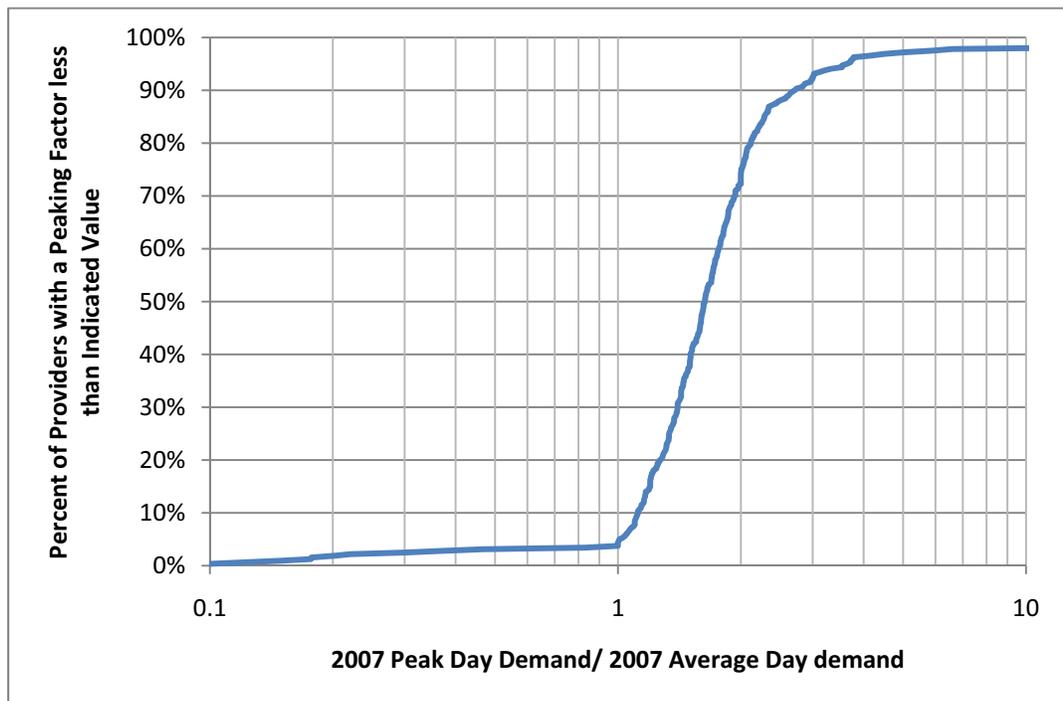


Figure 2-5
 Peaking Factor for Average Day Demand in 2007

The peak and average day demand information entered by 14 providers indicates peaking factors less than or equal to 1.0, while peak and average day demand information entered by 8 providers indicates peaking factors greater than 5.0. If these high and low values are excluded, the average statewide peaking factor is equal to 1.8. The year 2007 was a relatively high-precipitation year in many parts of the state. Therefore, peaking factors would likely be higher in normal or drier years.

Section 3

Supply

3.1 Water Supply Planning

Survey questions related to water supply were intended to characterize the percentage of providers that have developed a water supply plan, the amount of water being produced, and wholesale water supply arrangements between providers. Providers were asked if they had completed a water supply plan within the last 10 years to identify future water sources. Water supply plans help providers set a course for reliably meeting projected demands. Approximately 93 percent (501 out of 537) of the providers responding to this question stated that they have not completed a water supply plan in the last 10 years; 24 providers did not respond to this question. Providers serving a population greater than 10,000 were more likely to have completed supply plans, as shown in Table 3-1. The responding providers with a water supply plan serve approximately 1.4 million people, or 45 percent of the population of reporting providers.

Table 3-1 Percentage of Reporting Providers with Recent Water Supply Plans by Population

| Plan | Population <=1,000 | Population 1,001-10,000 | Population >10,000 | Overall |
|---|-----------------------|----------------------------|-----------------------|---------|
| Responding providers that have completed a water supply plan in the last 10 years | 3.4% | 6.1% | 26.1% | 6.7% |

3.2 Permitted Supply

The providers were asked to calculate the utilization of their permitted water rights. Utilization is defined here as the percentage of water that a provider uses relative to their permitted quantity. For example, if a provider uses all of their permitted water, they have a utilization of 100 percent. Responding providers reported that 60 percent use less than half of their permitted surface water and 40 percent use less than half of their permitted groundwater, which is presented in Figure 3-1. Many providers' surface water permits include a schedule of use, which allows for demand growth over time and may affect the results of this analysis.

3.3 Produced Supply

The amount of water produced by each provider corresponds to the population served and water demands as can be seen by comparing the shape of Figure 3-2 with Figures 2-1 and 2-2. Responding providers reported producing a total of 165 billion gallons in 2007, or 1.2 mgd per responding provider on average. This value roughly corresponds to the average daily water demand in 2007. As stated in Section 2, the reported total 2007 annual demand was 193.4 billion gallons, but the reported production was 165 billion gallons. The difference between the demand and production numbers may be attributable to the number of providers responding to the specific questions. For example, 383 providers reported the total water produced in 2007, and 440 providers reported the annual average daily demand. As indicated in Figure 3-2, 60 percent of responding providers produced less than 0.2 mgd for distribution in 2007.

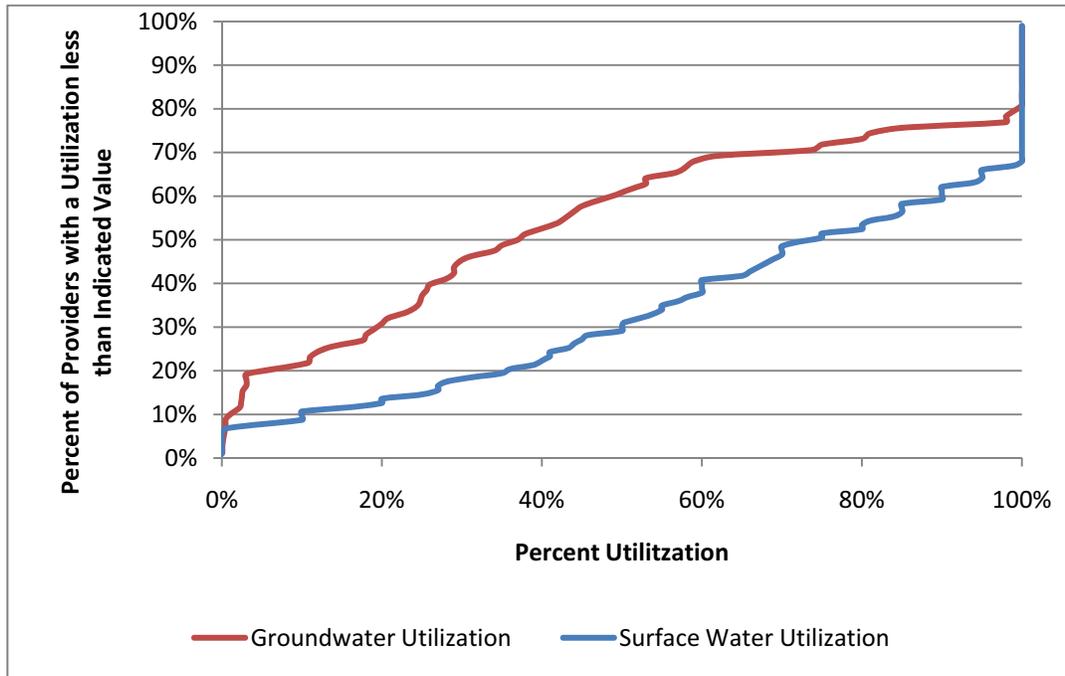


Figure 3-1
 Provider Calculated Utilization of Permitted Amount

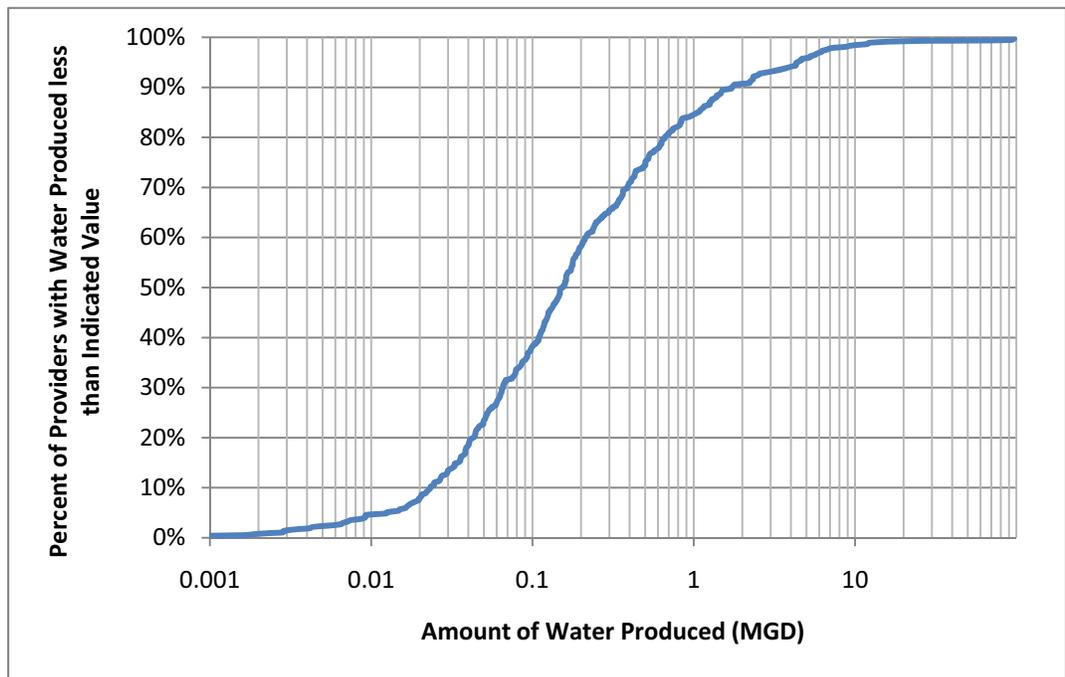


Figure 3-2
 Total Water Produced in 2007

3.4 Wholesale Water

3.4.1 Supplied Water

Water providers reported the amount of water sold to other providers and the amount of water produced. The responding providers sold an annual total of 20.4 billion gallons of water in 2007 or approximately 11 percent of all responding providers' total average daily demand. The survey results indicate that about half of the responding providers that sell water to others sell less than 0.06 mgd (25 million gallons per year) as shown in Figure 3-3.

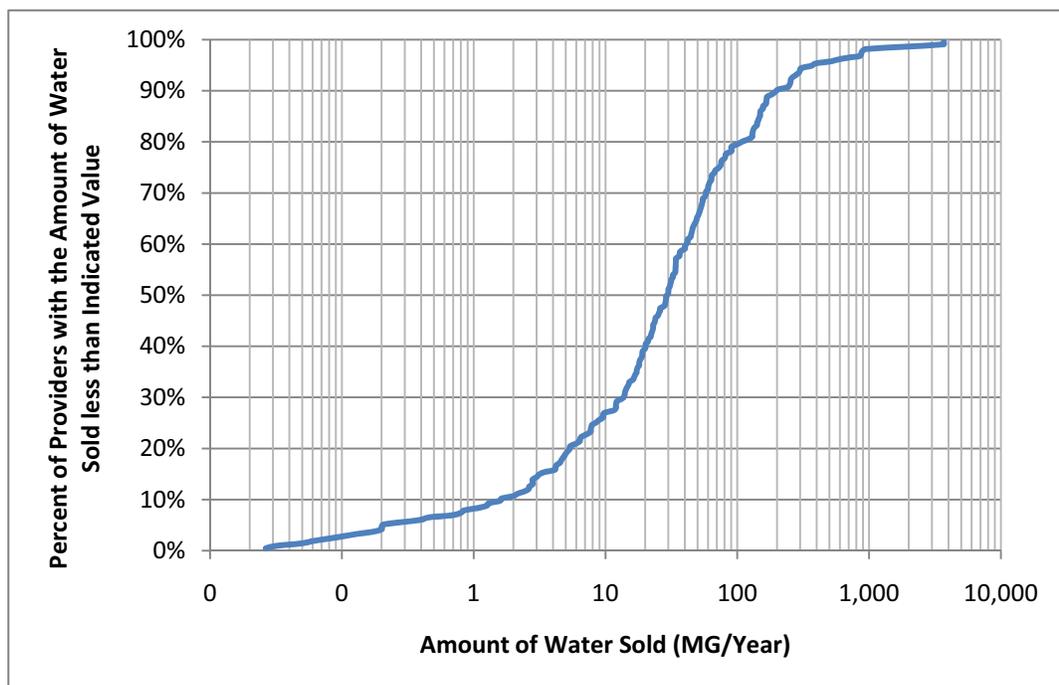


Figure 3-3
 Total Water Sold to Other Providers in 2007

3.4.2 Purchased Water

Providers also reported the purchase of water from other providers. The responding providers bought an annual total of 25.2 billion gallons of water in 2007 or approximately 15 percent of the water produced by responding providers in 2007. The survey results show that on an individual basis, the majority of providers purchase less than 0.08 mgd (30 million gallons per year) as shown in Figure 3-4.

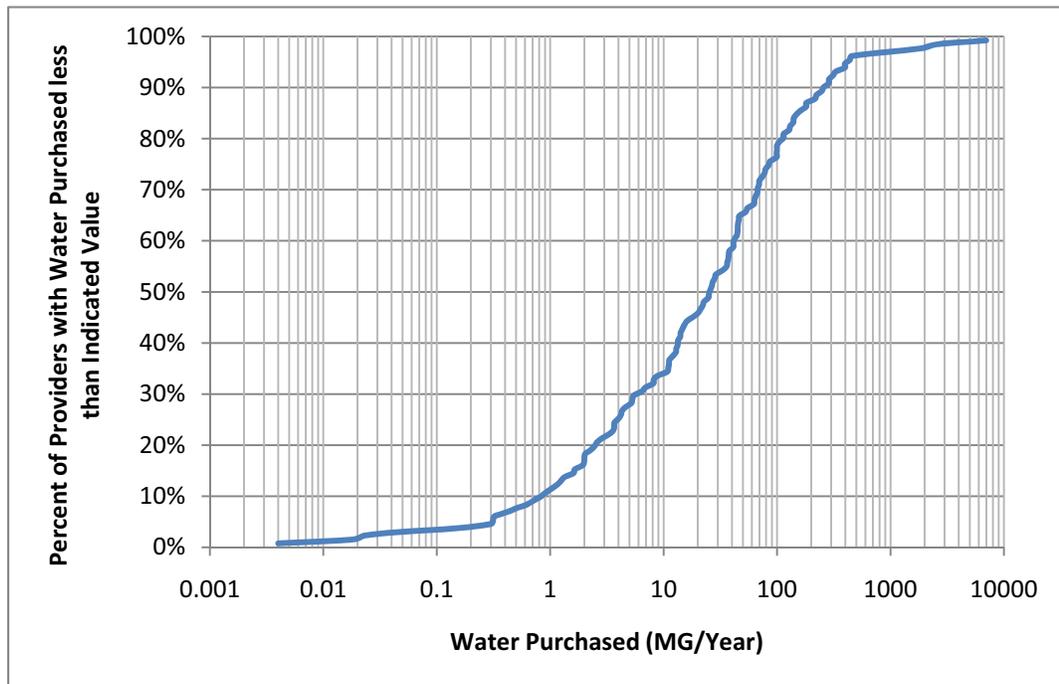


Figure 3-4
 Amount of Water Purchased from Other Providers

To verify the survey results, the amount of reported sold and purchased water was compared. The comparison reveals that the amount of water reported sold to providers is 8 percent less than the amount of water reported purchased by other providers. The difference may be attributed to sales from Master Conservancy Districts (not surveyed) to water providers that were surveyed and responded.

Also, the size of wholesale providers or "sellers" was compared to the size of the wholesale purchasers. The 146 providers that indicated that they sell wholesale water to others had a median service area population (excluding wholesale customers' populations) of 1,364, whereas the 239 providers that indicated they purchase wholesale water from others had a median service area population of 1,300. This suggests that in many cases, wholesale sellers sell water to more than one purchaser, but wholesale sellers are not necessarily larger utilities than the purchasers.

Providers responded that 83 percent purchase water from another district for ongoing purposes only, 12 percent of wholesale purchasers purchase water for emergency purposes only, and 5 percent purchase water from multiple sources for both emergency and ongoing purposes.

3.5 Reuse of Treated Wastewater

Providers were asked about reuse of treated wastewater, including existing reuse and plans for reuse in the future. Of the 561 survey respondents, 24 providers indicated that they currently reuse treated wastewater, 411 indicated that they do not reuse treated wastewater, and the remainder did not answer the question. Thirteen providers indicated that they plan to increase or initiate water reuse. Eleven of the largest 46 responding providers (those serving more than 10,000 people) indicated they reuse treated water, and 8 of the 46 largest providers plan to increase or initiate water reuse. Responding providers reported annual total reuse of approximately 3 billion gallons (9,200 AF) statewide in 2007.

Section 4 Infrastructure

4.1 Treatment Facilities

4.1.1 Water Treatment Plant Technologies

Providers were asked to categorize the treatment technology that is used to treat their water supplies; responses are summarized graphically in Figure 4-1. Conventional treatment processes (flocculation, sedimentation, and filtration) comprise the majority of treatment technologies. Direct filtration (similar to conventional, but without flocculation or sedimentation) was less common, and newer membrane technologies (microfiltration, ultrafiltration, and reverse osmosis) were the least common.

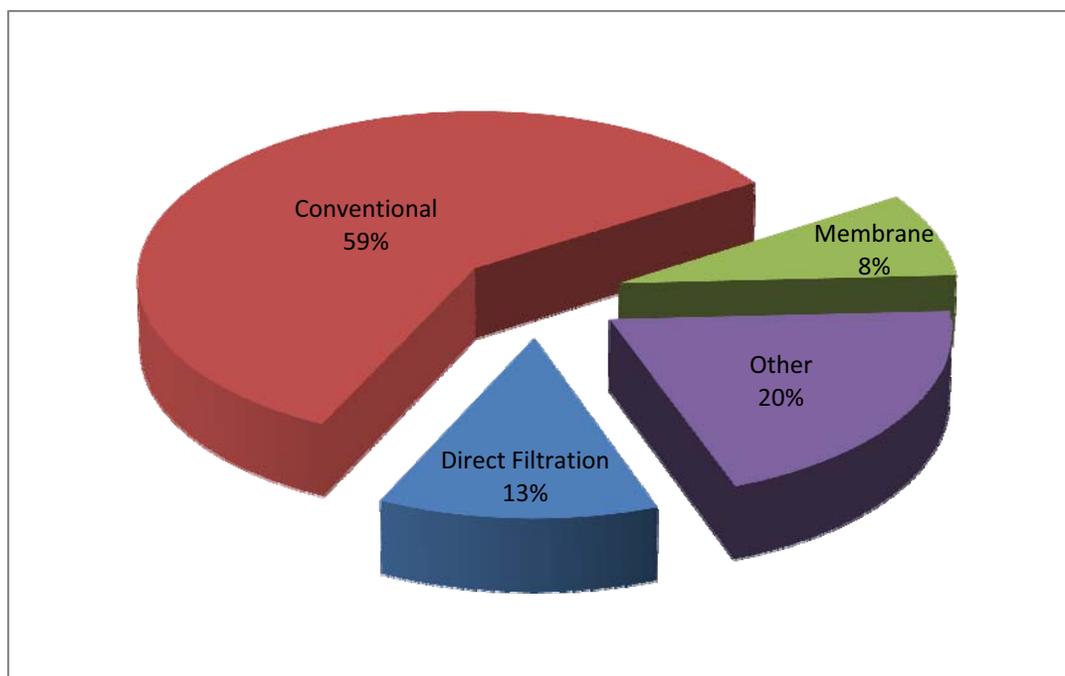


Figure 4-1
Water Treatment Plant Technologies in Use by Responding Providers

4.1.2 Water Treatment Plant Capacity

Water treatment, water distribution, and water storage infrastructure questions were also included in the survey. Providers reported their maximum treatment capacity for existing water treatment plants. The distributions of these values (Figure 4-2) indicate that providers have less than 1.5 mgd treatment capacity.

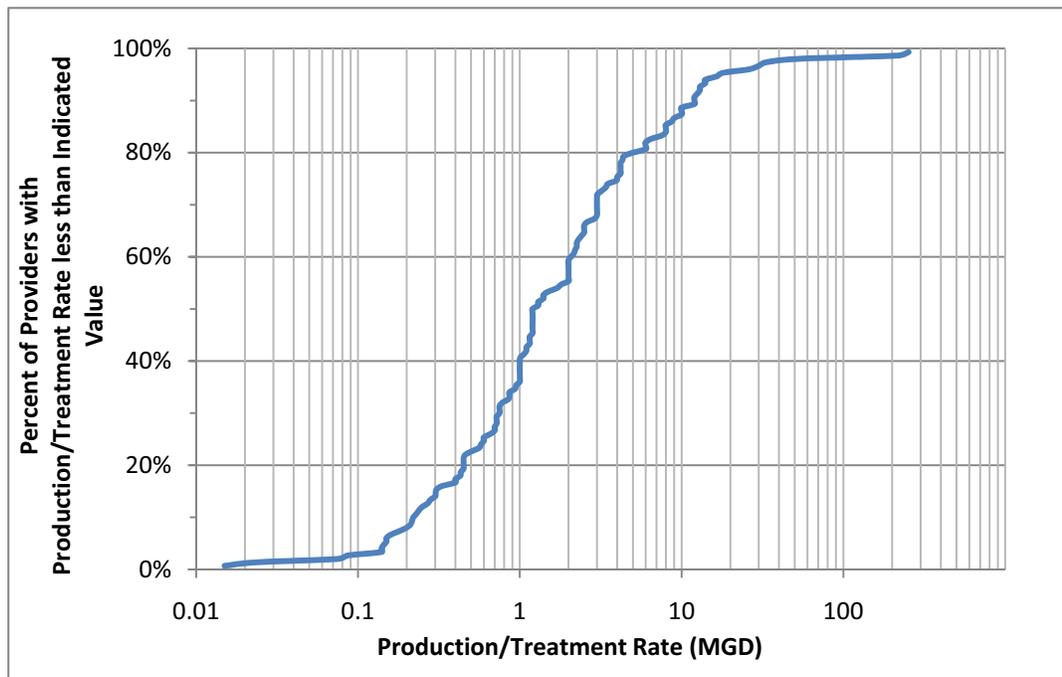


Figure 4-2
 Comparison of Peak Day Demand to Maximum Treatment Plant Capacity

Providers were asked if they plan to upgrade their water treatment plant(s). Overall, less than 25 percent (135 out of 561) of providers responded to these survey questions. Therefore, a detailed analysis of responses was not conducted. A breakdown of responses by provider size is listed below:

- For responding providers with populations under 1,000, 14 percent plan to upgrade their water treatment plant(s) and have funding or financing in place, and 2 percent have completed a water treatment master plan.
- For responding providers with populations between 1,000 and 10,000, 34 percent plan to upgrade their water treatment plant(s) and have funding or financing in place, and 5 percent have completed a water treatment master plan.
- For responding providers with populations over 10,000, 41 percent plan to upgrade their water treatment plant(s) and have funding or financing in place, and 41 percent have completed a water treatment master plan.

4.1.3 Water Treatment Plant Age

Aging infrastructure in the United States is a common concern, and also resonates throughout Oklahoma. Figure 4-3 shows the age of responding providers' water treatment plants in Oklahoma. Of the responding providers for each of these questions, 50 percent responded that their water treatment plant is 30 years or older and has been last upgraded over 5 years ago. Not all treatment plants have had upgrades constructed; therefore, Figure 4-3 may be showing a significantly lower average age of upgraded treatment plants.

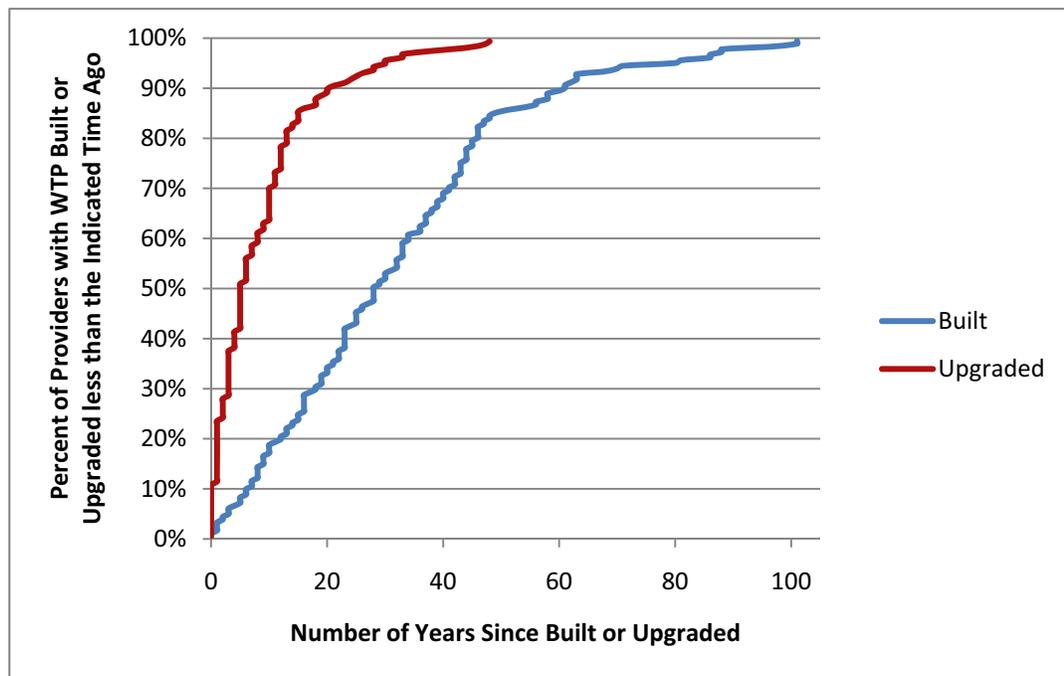


Figure 4-3
 Provider Estimates for Length of Time Since Water Treatment Plant was Built or Last Upgraded

While there is no single threshold for the useful service life of treatment plants, many process components and equipment may reach the end of their expected service life after 20 to 30 years, and evolving technologies may also render aging equipment and processes less efficient than newer processes. On the other hand, structural components and pipelines, properly maintained, would be expected to last significantly longer than process equipment.

4.2 Water Distribution Capacity

Providers described the length, size (diameter), and age of their distribution system piping as part of the survey. The length of pipe by size is presented in Table 4-1. A total of 383 providers responded to questions characterizing the length and size of their distribution pipes. The maintenance and ultimate service life of a pipe depends on many factors including pipe material and surrounding soil conditions. However, maintenance of pipe typically increases with age. To provide some information regarding the potential

need for repair and replacement of existing infrastructure, providers were asked for the age of their distribution system summarized by total pipe length, which is presented in Figure 4-4. For example, 40 percent of all pipe (based on total length) is between 10 and 30 years old, for the responding providers.

Table 4-1 – Length and Size of Distribution Pipe of Reporting Providers

| Pipe Size (diameter) | Pipe Length (miles) | | | Total (miles) |
|-----------------------|---------------------|-------------------------|--------------------|---------------|
| | Population <=1,000 | Population 1,001-10,000 | Population >10,000 | |
| <=6-inch | 7,078 | 24,246 | 7,426 | 38,749 |
| >6-inch and <=12-inch | 616 | 3,217 | 4,779 | 8,612 |
| >=12-inch | 2 | 221 | 1,411 | 1,634 |

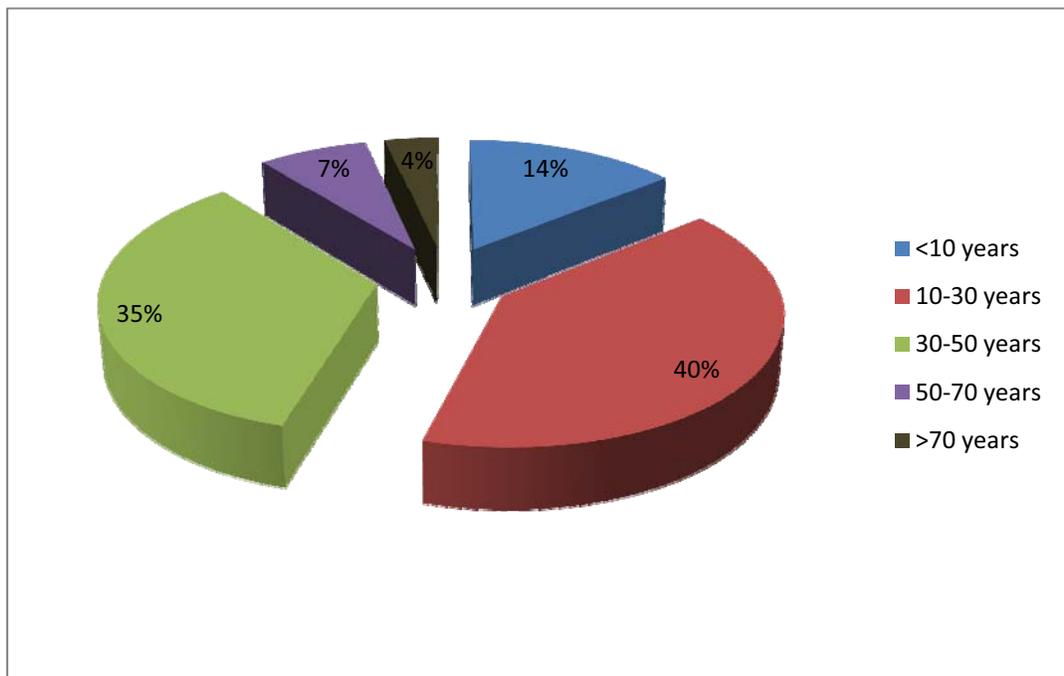


Figure 4-4
 Approximate Age of Distribution System Pipe

Each of the providers was asked to rate its distribution system based on an overall qualitative self-assessment. The majority of providers rated their system as good or excellent as presented in Figure 4-5.

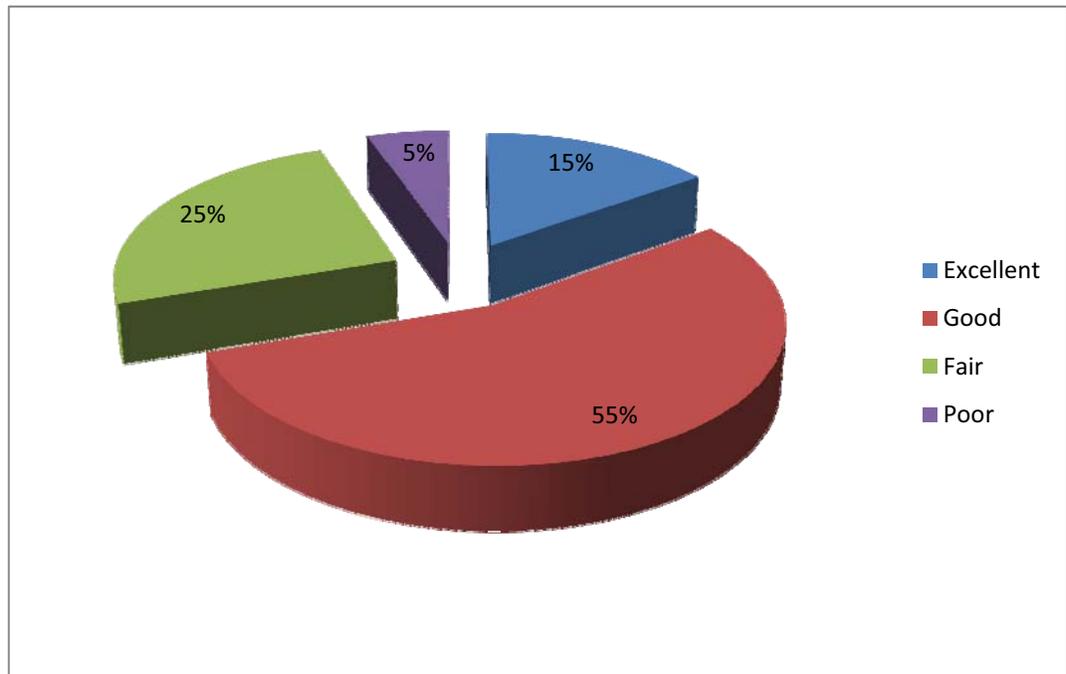


Figure 4-5
 Self Rating of Each Provider's Distribution System

To indicate the current rate of pipe aging and failure, providers were asked for the length of distribution pipe replaced in the last 5 years by size. Figure 4-6 summarizes the reported length of pipe replaced within the last 5 years. The lengths in Figure 4-6 are summarized only for providers who reported replacing pipe within the last 5 years:

- 196 providers reported replacing smaller than 6-inch pipe in the last 5 years
- 79 providers reported replacing 6- to 12-inch pipe within the last 5 years
- 14 providers reported replacing 12-inch or larger pipe in the last 5 years

For example, seven responding providers (50 percent) replaced less than one mile of 12-inch or larger pipe within the last 5 years.

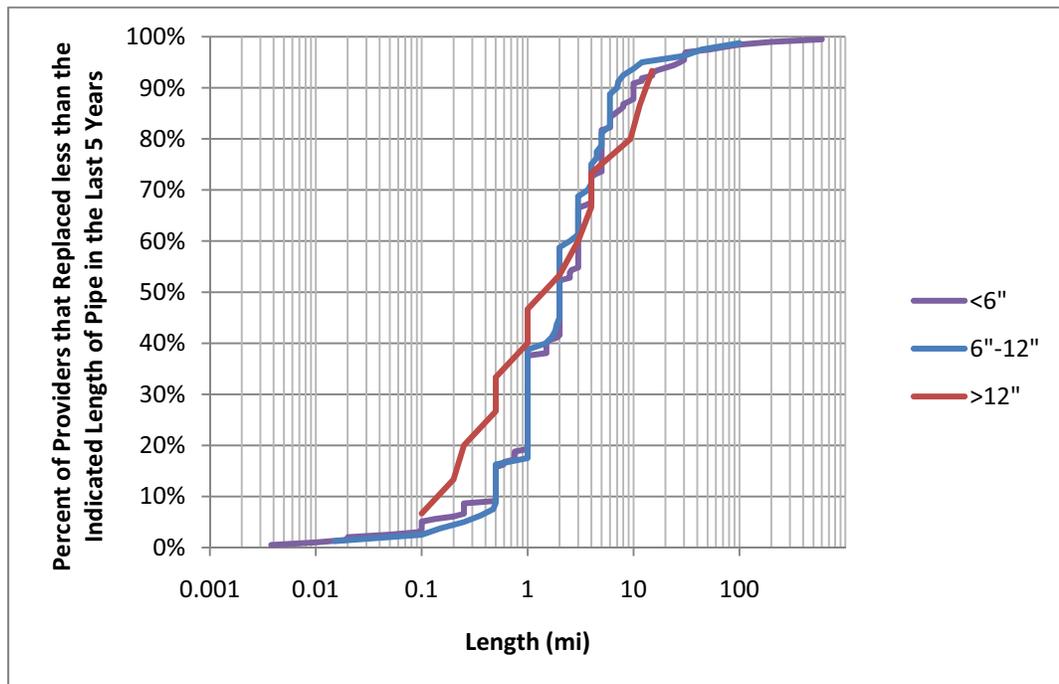


Figure 4-6
Length of Pipe Replaced Within the Last Five Years

In addition, 29 percent of providers indicated that additional distribution system improvements were fully funded or a funding/financing plan was in place. The percentage of providers in each population category with funded distribution system improvements is shown in Table 4-2.

Table 4-2 – Planned Distribution System Improvements

| Planned Distribution Improvements Funding | Percentage of Providers in Category | | | Overall |
|---|-------------------------------------|-------------------------|--------------------|---------|
| | Population <=1,000 | Population 1,001-10,000 | Population >10,000 | |
| Fully Funded | 7.7% | 12.2% | 23.1% | 11.3% |
| Funding/Financing Plan | 21.4% | 27.8% | 48.7% | 27.0% |

4.3 Groundwater and Surface Water Infrastructure

Questions regarding groundwater and surface water infrastructure yielded fewer responses than other sections outlined in this report. Enough available information existed for wells and treatment of groundwater is summarized below. Surface water infrastructure (reservoir storage and firm yield) questions received very few responses; data could not be sufficiently cleaned (Section 1.2) and therefore, could not be accurately summarized.

4.3.1 Water Storage Facilities

As stated above, the small sample size and difficulties with data incongruities, reservoirs, and storage facility particulars were not summarized. However, information on reservoir improvements was available. Of the 182 responding providers, 15 had funding or a funding plan in place to improve their storage facilities.

4.3.2 Groundwater Treatment

As an indicator of the quality of the groundwater supplies available to providers, the providers were asked if their wells were treated or untreated. As shown in Figure 4-7, the vast majority of responding providers treat the well water they use. The median service area population of responding providers using untreated wells was approximately 875, versus a median service population of approximately 1,150 for treated wells.

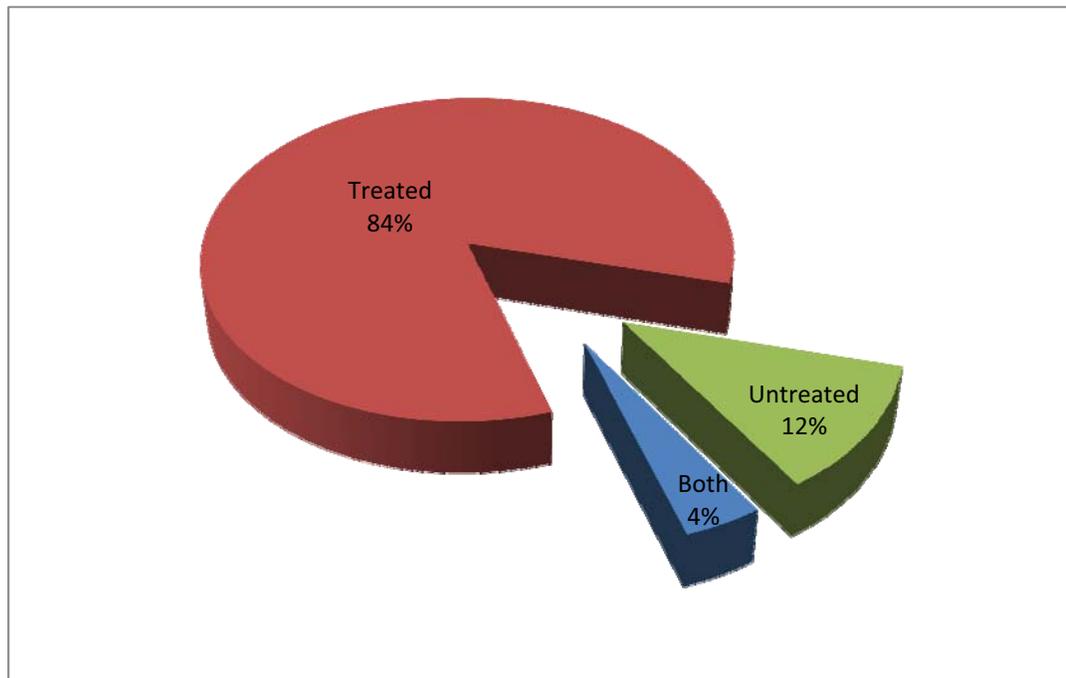


Figure 4-7
 Number of Providers Responding as Using Treated or Untreated Wells

4.3.3 Age of Wells

The providers were asked the average age of their wells. Figure 4-8 shows that treated wells are on average approximately 5 years older than untreated wells. The maximum average age of wells is 60 years for untreated wells and 80 years for treated wells.

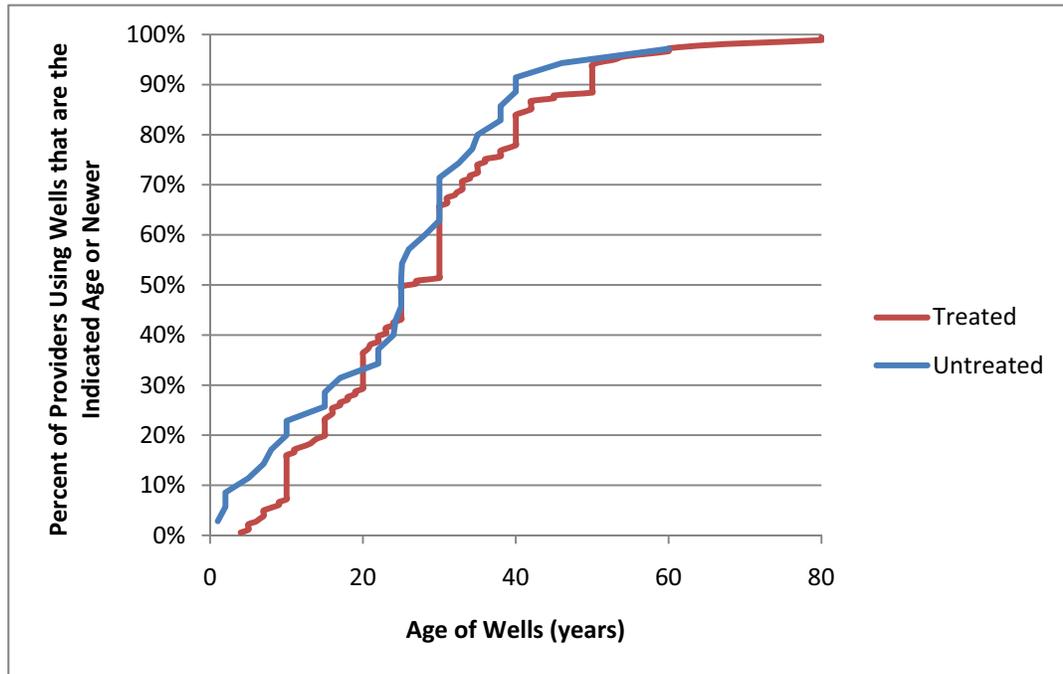


Figure 4-8
 Provider Estimated Average Age of Wells

The expected service life of a well varies considerably based on site-specific conditions. While well pumps and equipment may typically last 20 to 40 years with proper maintenance, wells may have to be maintained more or less often than that based on issues such as water quality and geochemical considerations, plugging, or declining water tables and/or yields.

Section 5

Conservation

Water conservation can reduce per-capita water demands by increasing water use efficiencies, and thereby stretch the utilization of supplies. Table 5-1 lists common conservation measures and the percentage of responding providers in each population category that currently practice each measure. For example, 218 providers that serve 1,000 people or less responded to these questions, and for those responding providers, 192 (88.1%) said they have a metering and/or meter replacement program. Metering and water loss reporting were the most commonly practiced conservation measures used by the respondents.

Table 5-1 – Conservation Measures Taken by Responding Providers of Different Population Ranges

| | Population ≤1,000 (*) | Population 1,001-10,000 (*) | Population >10,000 (*) |
|---|--------------------------|--------------------------------|---------------------------|
| Metering and/or meter replacement program | 88.1% | 89.1% | 95.3% |
| Utility Water Loss (reporting leaks) | 57.3% | 70.3% | 83.7% |
| Toilet rebates | 0.9% | 0.0% | 0.0% |
| Washing machine rebates | 0.0% | 0.0% | 0.0% |
| Conservation billing | 3.2% | 3.3% | 7.0% |
| Landscape retrofit rebates | 0.0% | 0.0% | 0.0% |
| Residential landscape audits | 0.0% | 0.0% | 0.0% |
| Commercial indoor audits | 0.0% | 0.0% | 0.0% |
| Commercial landscape audits | 0.0% | 0.0% | 0.0% |
| Submetering | 1.4% | 5.9% | 0.0% |
| Cooling towers | 0.0% | 0.0% | 2.3% |
| Other | 5.0% | 2.9% | 7.0% |

* Percent of responding providers who indicated they have implemented the noted conservation measure. Total respondents by group: 218 (population ≤1,000); 239 (population 1,001-10,000); 43 (population >10,000).

Examples of other conservation measures cited by respondents include public education efforts, watering restrictions, and various rate structures and monitoring efforts.

In addition to current conservation practices, providers were asked if they had adopted a water conservation plan and/or a drought management plan. As shown in Table 5-2, few respondents indicated they have a conservation or drought plan; however, the larger population providers are generally more likely to have developed one or both types of plans. The providers with a conservation plan serve approximately 187,000 people, or 6 percent of the population of reporting providers. The providers with a drought management plan serve approximately 753,000 people, or 24 percent of the population of reporting providers.

Table 5-2 – Percent of Providers with Conservation and Drought Plans

| Plans | Percentage of Providers in Category | | | Overall |
|-------------------------|-------------------------------------|----------------------------|-----------------------|---------|
| | Population ≤1,000 | Population 1,001-10,000 | Population >10,000 | |
| Conservation Plan | 4.3 % | 5.5% | 9.3% | 5.3% |
| Drought Management Plan | 2.6% | 3.5% | 16.7% | 4.2% |

In the case of a serious drought, a provider may be required to implement emergency demand management measures. According to providers' responses, in the last 5 years, 10 percent of the providers serving a population of fewer than 1,000, 15 percent of providers serving a population between 1,000 and 10,000, and 20 percent of providers with a population over 10,000 have implemented water use restrictions. This may have affected as many as 500,000 people in Oklahoma.

Section 6 Summary

Water suppliers in Oklahoma provide a critical service to the state's citizens. The survey described in this report helps characterize the existing water supplies and infrastructure, while also providing insights into future needs. A majority of providers that presented population projections for future planning horizons expect population increases in the future (87 percent, or 331 of 378 responding providers). However, only a small fraction (6.4 percent) of responding providers has completed a water supply plan in the last 10 years. Increases in water demands are expected, and while many of the responding providers identified excess water treatment plant capacity, 46 percent of responding providers' water distribution infrastructure is greater than 30 years old. In addition to that, half of all reported treatment plants are greater than 30 years old with half of all reported expansions occurring more than 6 years ago. Less than half of the planned distribution system improvements are fully or partially funded (38 percent).

The OCWP will integrate the information obtained through this survey to help guide planning efforts, while supporting providers' information, planning, infrastructure, and funding/financing needs. The primary purpose of the information gathered through the 2008 provider survey is to develop details of the OCWP and to support provider-level planning through the Basin Supply Fact Sheets and Watershed Supply Assessments.

Appendix A

Provider Survey Form

Oklahoma Water Provider Survey

1. General Information



Following is a Water Providers Survey in association with the Oklahoma Comprehensive Water Plan. Please complete this document to the greatest extent possible. Your system's information is critical in the success of the statewide effort to establish water supply and infrastructure needs. This document can be completed either online (preferred) or manually. You should have received this document, with additional information, from either the Oklahoma Rural Water Association (ORWA) or the Oklahoma Municipal League (OML). Either group will be able to provide assistance in completing this survey. Please contact either group if help is needed. If completed online (preferred), no additional action is required once complete. If completed manually, the form will need to be returned via US Mail to either the ORWA or OML. If you would prefer to respond to this summary online please go to http://www.surveymonkey.com/s.aspx?sm=cWngtXuKtF9KHAbDzN1I1tw_3d_3d

QUESTIONS? Contact one of the following:

Mr. Gene Whatley, Oklahoma Rural Water Association
(405) 672-8925 / gwhatley@okruralwater.org

Ms. Cheryl Dorrance, Oklahoma Municipal League
(405) 528-7515 / cdorran@oml.org

1. Provider Name

2. PWSID Number(s)

Oklahoma Water Provider Survey

3. Contact Information

| | |
|-----------------------------|----------------------|
| Name | <input type="text"/> |
| Title | <input type="text"/> |
| Phone number | <input type="text"/> |
| E-mail address | <input type="text"/> |
| Mailing address (Street) | <input type="text"/> |
| Mailing address (City) | <input type="text"/> |
| Mailing address (Zip code) | <input type="text"/> |
| Physical address (Street) | <input type="text"/> |
| Physical address (City) | <input type="text"/> |
| Physical address (Zip code) | <input type="text"/> |
| County | <input type="text"/> |

4. Are you a municipal provider, rural water district, or other?

- Municipal Provider
- Rural Water District
- Other (please specify)

5. Have you completed a Water Supply Plan for future water sources within the last 10 years? If YES, please provide a copy of your Water Supply Plan to the Oklahoma Water Resources Board (OWRB) in either a digital format (PDF preferred) or printed form. The OWRB address is provided at the end of this survey.

- Yes
- No

Oklahoma Water Provider Survey

2. CONSERVATION

1. Do you have an adopted Water Conservation Plan? If YES, please provide a copy of your Water Conservation Plan to the Oklahoma Water Resources Board (OWRB) in either a digital format (PDF preferred) or printed form. The OWRB address is provided at the end of this survey.

Yes

No

2. Do you have an adopted Drought Management Plan? If YES, please provide a copy of your Drought Management Plan to the Oklahoma Water Resources Board (OWRB) in either a digital format (PDF preferred) or printed form. The OWRB address is provided at the end of this survey.

Yes

No

3. Has your water system been required to implement emergency public water rationing measures over the last 5 years?

Yes

No

4. Using the following equation, estimate the percent of lost or unaccounted for water in 2007.

$$\frac{[(\text{Volume Produced and/or Purchased}) - (\text{Volume Sold})]}{(\text{Volume Produced and/or Purchased})} \times 100 = \text{Percent Loss}$$

Oklahoma Water Provider Survey

5. Which of the following conservation measures/programs do you have in place?

- Metering and/or meter replacement program
- Utility water loss (reporting leaks)
- Toilet rebates
- Washing machine rebates
- Conservation billing
- Landscape retrofit rebates
- Residential landscape audits
- Commercial indoor audits
- Commercial landscape audits
- Submetering
- Cooling towers
- Other (please specify)

Oklahoma Water Provider Survey

3. DEMAND

1. What is the total residential population served? (Do not include wholesale residential customers)

| | |
|--|----------------------|
| 2007 Actual | <input type="text"/> |
| 2010 Estimated | <input type="text"/> |
| 2020 Estimated | <input type="text"/> |
| 2030 Estimated | <input type="text"/> |
| 2060 Estimated | <input type="text"/> |
| Other (List Year and Estimated Quantity) | <input type="text"/> |

2. What is the total number of water accounts served? (Do not include wholesale residential customers)

| | |
|--|----------------------|
| 2007 Actual | <input type="text"/> |
| 2010 Estimated | <input type="text"/> |
| 2020 Estimated | <input type="text"/> |
| 2030 Estimated | <input type="text"/> |
| 2060 Estimated | <input type="text"/> |
| Other (List Year and Estimated Quantity) | <input type="text"/> |

3. What is the annual average daily demand (MGD)?

| | |
|--|----------------------|
| 2007 Actual | <input type="text"/> |
| 2010 Estimated | <input type="text"/> |
| 2020 Estimated | <input type="text"/> |
| 2030 Estimated | <input type="text"/> |
| 2060 Estimated | <input type="text"/> |
| Other (List Year and Estimated Quantity) | <input type="text"/> |

4. 2007 peak day demand (actual observed)

| | |
|-----------------------|----------------------|
| Date (MM/DD/2007) | <input type="text"/> |
| Peak Day Demand (MGD) | <input type="text"/> |

5. Total water produced in 2007 (MG)

6. Source/method of population estimates (mark the method used)

- State Department of Commerce Estimates
- County Growth and Development Estimates
- Self Provided Estimates
- Other (please specify)

Oklahoma Water Provider Survey

7. Method used to project annual average daily water demands (check all that apply)

- Previously completed Water Supply Plan
- Previously completed Water Conservation Plan
- Previously completed Drought Management Plan
- Historic water production data
- Per-capita demand times population projection
- Extrapolation from historical demand trends
- Other (please specify)

8. Date population projections were last revised (MM/YYYY)

9. Estimated percentage of 2007 water demand associated with each of the following categories (must total 100%)

| | |
|----------------------------|----------------------|
| Residential | <input type="text"/> |
| Commercial | <input type="text"/> |
| Industrial | <input type="text"/> |
| Institutional | <input type="text"/> |
| Agricultural | <input type="text"/> |
| Other Municipal | <input type="text"/> |
| Other Rural Water District | <input type="text"/> |
| Unbilled / Unaccounted For | <input type="text"/> |

10. Source of estimated percentages

11. Do you supply water to outside providers? (If NO, please skip to Section 4)

- Yes
- No

12. Name the water providers/districts/other to whom you provide supplies (Highest volume first)

| | |
|-----------------|----------------------|
| Provider Name 1 | <input type="text"/> |
| Provider Name 2 | <input type="text"/> |
| Provider Name 3 | <input type="text"/> |
| Provider Name 4 | <input type="text"/> |
| Other Providers | <input type="text"/> |

Oklahoma Water Provider Survey

13. For each provider, is the water provided on an emergency-only or ongoing basis?

| | Emergency-only | Ongoing |
|------------|-----------------------|-----------------------|
| Provider 1 | <input type="radio"/> | <input type="radio"/> |
| Provider 2 | <input type="radio"/> | <input type="radio"/> |
| Provider 3 | <input type="radio"/> | <input type="radio"/> |
| Provider 4 | <input type="radio"/> | <input type="radio"/> |

14. Is the water potable (treated) or raw (needs treatment)?

| | Potable (treated) | Raw (needs treatment) | Some of each |
|------------|-----------------------|-----------------------|-----------------------|
| Provider 1 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Provider 2 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Provider 3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Provider 4 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

15. In 2007, what volume of water (MG) did you provide to each of the providers listed?

| | |
|-----------------|----------------------|
| Provider 1 | <input type="text"/> |
| Provider 2 | <input type="text"/> |
| Provider 3 | <input type="text"/> |
| Provider 4 | <input type="text"/> |
| Other Providers | <input type="text"/> |

Oklahoma Water Provider Survey

4. PURCHASED WATER SUPPLY INFORMATION

1. Do you utilize water from providers outside of your district? (If NO, please skip to Section 5)

Yes

No

2. Name the providers/districts/other resources from whom you purchase water.

Provider Name 1

Provider Name 2

Provider Name 3

3. For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis?

| | Emergency-only | Ongoing |
|------------|-----------------------|-----------------------|
| Provider 1 | <input type="radio"/> | <input type="radio"/> |
| Provider 2 | <input type="radio"/> | <input type="radio"/> |
| Provider 3 | <input type="radio"/> | <input type="radio"/> |

(Note: For the questions below, Treatment/Treated is defined as chlorination or other treatment or chemical addition, and Non-treatment/Non-treated is defined as absolutely no treatment.)

4. Do you purchase water that is potable (treated) or raw (needs treatment)?

| | Potable (treated) | Raw (needs treatment) | Some of each |
|------------|-----------------------|-----------------------|-----------------------|
| Provider 1 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Provider 2 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Provider 3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

5. List the volume of water (MG) purchased from each of the above providers in 2007.

Provider 1

Provider 2

Provider 3

Oklahoma Water Provider Survey

5. SUPPLY

WATER WELL SUPPLY INFORMATION

(Note: Treatment is defined as chlorination or other treatment or chemical addition, and non-treatment is defined as absolutely no treatment.)

1. Total number of groundwater permits issued to provider

2. Total amount of groundwater permitted to provider (AFY)

WELLS REQUIRING NO TREATMENT

3. Number of wells in use requiring no treatment prior to consumption

4. Average age of wells in use requiring no treatment prior to consumption (years)

5. Average production rate per well in use requiring no treatment prior to consumption (MGD)

6. Total amount of water produced by all wells requiring no treatment* in 2007 (MG)

WELLS REQUIRING TREATMENT

7. Number of wells in use requiring treatment prior to consumption

8. Average age of wells in use requiring treatment prior to consumption (years)

9. Average production rate per well in use requiring treatment prior to consumption (MGD)

10. Total amount of water produced from all wells requiring treatment in 2007 (MG)

11. Percentage utilization of wells in 2007

Percentage Utilization = [(Answer #6 + Answer #10)x(3.069 AF/MG)]/(Answer #2)

Oklahoma Water Provider Survey

SURFACE WATER SUPPLY INFORMATION

12. How many surface water supplies do you utilize?

13. Name the surface water supply sources (e.g., river name, reservoir name, etc.)

Name Supply 1

Name Supply 2

Name Supply 3

Name Supply 4

Name Supply 5

Name Supply 6

14. Surface water permitted in 2007 for each source (AFY)

Supply 1

Supply 2

Supply 3

Supply 4

Supply 5

Supply 6

15. On average, what percentage of permitted surface water was utilized over the last 5 years?

Supply 1

Supply 2

Supply 3

Supply 4

Supply 5

Supply 6

Oklahoma Water Provider Survey

6. EXISTING INFRASTRUCTURE

*** TREATMENT ***

If you have no treatment facilities, or do not anticipate adding a new treatment facility, please skip to Question 14.

1. Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping)

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

2. What is the maximum treatment rate of your facility (MGD)?

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

3. Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days)

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

4. What was your 2007 peak day production (MGD)?

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

5. Total annual production in 2007 (MG)

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

6. What year was your water treatment plant(s) originally built?

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

7. What year was the most recent expansion or upgrade to your water treatment plant(s)?

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

Oklahoma Water Provider Survey

8. Type of treatment plant

| | Direct Filtration | Conventional (floc/sed/filtration) | Membrane (MF, UF, RO) |
|-------|-----------------------|------------------------------------|-----------------------|
| WTP 1 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| WTP 2 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| WTP 3 | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Other (please specify WTP # and type)

9. Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply)

- Arsenic
- Nitrate
- Disinfection Byproducts Stage 1
- Disinfection Byproducts Stage 2
- Other (please specify)

10. For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.)

| | |
|------------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |
| New WTP(s) | <input type="text"/> |

11. Are the planned WTP infrastructure improvements funded?

- Yes, they are fully funded
- Yes, a funding/financing plan is in place
- N/A - none planned
- No

Please list the infrastructure improvements planned (by WTP)

12. Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP).

| | |
|-------|----------------------|
| WTP 1 | <input type="text"/> |
| WTP 2 | <input type="text"/> |
| WTP 3 | <input type="text"/> |

Oklahoma Water Provider Survey

13. Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? If YES, please provide a copy of your Plan/Assessment to the Oklahoma Water Resources Board (OWRB) in either a digital format (PDF preferred) or printed form. The OWRB address is provided at the end of this survey.

Yes

No

*** STORAGE ***

If you have no raw water storage facilities, please skip to Question 20.

14. List the names of raw water reservoirs used for water supply

| | |
|-------------|----------------------|
| Reservoir 1 | <input type="text"/> |
| Reservoir 2 | <input type="text"/> |
| Reservoir 3 | <input type="text"/> |
| Reservoir 4 | <input type="text"/> |

15. Current (2007) total reservoir storage capacity (AF)

| | |
|-------------|----------------------|
| Reservoir 1 | <input type="text"/> |
| Reservoir 2 | <input type="text"/> |
| Reservoir 3 | <input type="text"/> |
| Reservoir 4 | <input type="text"/> |

16. Current (2007) reservoir firm yield (AFY)

| | |
|--|----------------------|
| Reservoir 1 | <input type="text"/> |
| Reservoir 2 | <input type="text"/> |
| Reservoir 3 | <input type="text"/> |
| Reservoir 4 | <input type="text"/> |
| Method(s) Used to Estimate Firm Yield: | <input type="text"/> |

17. Current (2007) raw water storage capacity (MG)

| | |
|-----------------------------|----------------------|
| Storage Facility Capacity 1 | <input type="text"/> |
| Storage Facility Capacity 2 | <input type="text"/> |
| Storage Facility Capacity 3 | <input type="text"/> |
| Storage Facility Capacity 4 | <input type="text"/> |

Oklahoma Water Provider Survey

18. Do you have raw water reservoir infrastructure improvements planned?

- Yes, and they are fully funded
- Yes, and a funding/financing plan is in place
- No

If Yes, please list the infrastructure improvements planned and additional storage (in acre-feet).

19. Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below.

CONVEYANCE AND PUMP CAPACITY - Raw Water Only

20. Do you have any raw water conveyance and/or pumping infrastructure improvements planned?

- Yes, and they are fully funded
- Yes, and a funding/financing plan is in place
- No

If Yes, please list the infrastructure improvements planned and additional capacity (in MGD).

21. Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below.

WATER DISTRIBUTION SYSTEM INFORMATION

22. Estimate length of water distribution lines, in miles, in your system.

| | |
|---|----------------------|
| 6" or smaller in diameter | <input type="text"/> |
| Greater than 6" and less than or equal to 12" in diameter | <input type="text"/> |
| Greater than 12" in diameter | <input type="text"/> |

Oklahoma Water Provider Survey

23. Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years.

6" or smaller in diameter

Greater than 6" and less than or equal to 12" in diameter

Greater than 12" in diameter

24. Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years.

6" or smaller in diameter

Greater than 6" and less than or equal to 12" in diameter

Greater than 12" in diameter

25. What approximate percentage of the total length of pipe in your distribution system is:

Less than 10 years old

Between 10 and 30 years old

Between 30 and 50 years old

Between 50 and 70 years old

Older than 70 years

26. How would you rate the performance of your distribution system?

Excellent

Good

Fair

Poor

Explanation:

Oklahoma Water Provider Survey

27. Do you have any distribution system infrastructure improvements planned?

- Yes, and they are fully funded
- Yes, and a funding/financing plan is in place
- No

If Yes, please list the infrastructure improvements planned.

Oklahoma Water Provider Survey

7. REUSE OF TREATED WASTEWATER

1. Do you reuse any of your treated wastewater effluent?

Yes

No (Please skip to Question #5)

2. How much treated wastewater was reused in 2007 (total MG for the year)?

3. Peak day reuse water demand in 2007 (MGD)

4. Which type(s) of reuse is (are) practiced?

Landscape irrigation

Agricultural irrigation

Industrial

Other (please specify)

5. Do you plan to increase reuse deliveries (or initiate a reuse system) in the future?

Yes

No

If yes, by how many MG per year?

6. Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water?

Yes

No

7. If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers?

Yes

No

Oklahoma Water Provider Survey

8. Do you charge users of treated effluent for the water?

Yes

No

9. Is the rate charged different for internal (city / RWD) vs. external customers?

Yes

No

N/A - don't charge anyone

10. If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)?

Yes

No

N/A - don't charge anyone

11. How much do you charge for reuse water (\$ per 1,000 gallons)?

Rate 1:

Explanation (user type, monthly usage category, etc.)

Rate 2:

Explanation (user type, monthly usage category, etc.)

Rate 3:

Explanation (user type, monthly usage category, etc.)

Rate 4:

Explanation (user type, monthly usage category, etc.)

Oklahoma Water Provider Survey

8. ADDITIONAL INFORMATION

These last two questions are here for you to add any additional information.

1. Do you have any comments or concerns with respect to Oklahoma State Water Planning?

2. Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes?

***** THANK YOU! *****

Your contributions to this survey will help secure Oklahoma's water future. When you click "SUBMIT" you will have completed the survey and will be directed to OWRB's website.

Questions and copies of documents (existing master plans, etc.) can be directed to the following:

Mr. Kyle Arthur
Director of Planning
Oklahoma Water Resources Board
3800 N. Classen Blvd.
Oklahoma City, OK 73118
(405) 530-8800
bkarthur@owrb.ok.gov

Mr. Gene Whatley
Executive Director
Oklahoma Rural Water Association
P.O. Box 95349
Oklahoma City, OK 73143
(405) 672-8925
gwhatley@okruralwater.org

Mrs. Cheryl Dorrance
Director of Research
Oklahoma Municipal League
201 N.E. 23rd Street
Oklahoma City, OK 73105
(405) 528-7515
cdorran@oml.org

Appendix B

Survey Database (Electronic)

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Rural Water, Gas, and Solid Waste Management District # 10 Delaware County OK |
| 1.2.1 | PWSID Number | OK6002158 |
| 1.2.2 | PWSID Number | 6002158 |
| 1.3.1 | Contact Information: - Name | Jay A. Spicer |
| 1.3.2 | Contact Information: - Title | Chairman of the Board |
| 1.3.3 | Contact Information: - Phone Number | 918 791 9100 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd10@groveemail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 24451 South 580 Road |
| 1.3.6 | Contact Information: - Mailing Address (City) | Afton, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74331 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Same as above |
| 1.3.9 | Contact Information: - Physical Address (City) | Same as above |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | Same as above |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 72.96 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.000216 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 68.744 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.45 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.45 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.188 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 68.744 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2003 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Poor Construction of System has lead to over 1000 leaks in 5 years. All of our meter taps (940) need to be replaced already. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We have a small OWRB grant to install shut off valves and repair as many leaks as possible. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Iowa Tribe of Oklahoma |
| 1.2.1 | PWSID Number | 64020001 |
| 1.2.2 | PWSID Number | 4020001 |
| 1.3.1 | Contact Information: - Name | Ron Osburn |
| 1.3.2 | Contact Information: - Title | Tribal Water System Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-547-5433 |
| 1.3.4 | Contact Information: - E-Mail Address | rosburn@iowanation.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | R.R. 1 Box 721 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Perkins, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74059 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 501 E Highway 33 |
| 1.3.9 | Contact Information: - Physical Address (City) | Perkins, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74059 |
| 1.3.11 | Contact Information: - County | Lincoln |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Tribal Water System |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 120 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 120 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 120 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 120 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 120 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 14 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 14 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 16 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 30 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 7 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 8 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 10 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 15 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 90 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.05904 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.015 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.11 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1500000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2000 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |

| | | |
|--------|--|---|
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Well house to enclose chlorination system and well head |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Standpipe renovation - cleaning, disinfection, painting |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0.058 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Well house to enclose chlorination system and well head |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | town of Hennessey OK. |
| 1.2.1 | PWSID Number | OK4003704 |
| 1.2.2 | PWSID Number | 4003704 |
| 1.3.1 | Contact Information: - Name | Jim Hoos |
| 1.3.2 | Contact Information: - Title | water-wastewater superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-853-1203 |
| 1.3.4 | Contact Information: - E-Mail Address | Hennesseyro@gmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 305 s. main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hennessey OK. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73742 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 305 s. main |
| 1.3.9 | Contact Information: - Physical Address (City) | Hennessey OK. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73742 |
| 1.3.11 | Contact Information: - County | kINGFISHER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CHEROKEE COUNTY RWD #3 GRANDVIEW |
| 1.2.1 | PWSID Number | 4001117 |
| 1.2.2 | PWSID Number | 4001117 |
| 1.3.1 | Contact Information: - Name | BJ FOREMAN |
| 1.3.2 | Contact Information: - Title | DISTRICT OFFICE MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 918-458-3040 |
| 1.3.4 | Contact Information: - E-Mail Address | CHEROKEERWD3@CABLELYNX.COM |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 18464 WEST JONES ROAD |
| 1.3.6 | Contact Information: - Mailing Address (City) | TAHLEQUAH |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74464 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 18464 WEST JONES ROAD |
| 1.3.9 | Contact Information: - Physical Address (City) | TAHLEQUAH |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74464 |
| 1.3.11 | Contact Information: - County | CHEROKEE |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 36 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3878 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4403 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6853 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9303 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 16653 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | NA |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1108 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1318 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2018 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2718 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4818 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | NA |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 284917 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 336202 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 517751 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 699300 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 880849 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | NA |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 330000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Computer history accounting file |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |

| | | |
|--------|--|----------------------|
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | Computer Meter Audit |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NA |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NA |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NA |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NA |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NA |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD # 2 ,Mayes County |
| 1.2.1 | PWSID Number | 3046058 |
| 1.2.2 | PWSID Number | 3046058 |
| 1.3.1 | Contact Information: - Name | jerry o'bannon |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918 476 8992 |
| 1.3.4 | Contact Information: - E-Mail Address | rwdno2@fairpoint.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | po box 787 |
| 1.3.6 | Contact Information: - Mailing Address (City) | chouteau |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74337 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 202 w broadwAY |
| 1.3.9 | Contact Information: - Physical Address (City) | Mazie |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74337 |
| 1.3.11 | Contact Information: - County | mayes |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 7500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2675 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 400 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 9 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Inola |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 74000000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | OOWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 373667000 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 400 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 30 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 40 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rogers County RWD 7 |
| 1.2.1 | PWSID Number | 3008604 |
| 1.2.2 | PWSID Number | 3008604 |
| 1.3.1 | Contact Information: - Name | Charles Tipton |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-341-1115 |
| 1.3.4 | Contact Information: - E-Mail Address | waterdistrict_7@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 20352 S. 4230rd |
| 1.3.6 | Contact Information: - Mailing Address (City) | Claremore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74019 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 20352 S. 4230rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Claremore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74019 |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3404 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4290 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4980 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7050 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1480 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1570 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1870 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2170 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3070 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.325 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.4 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.7 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 120945400 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Pump Reports conducted every other day |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 2/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 83 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 17 |
| 3.10.1 | Source of estimated percentages | office |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rogers County RWD8 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rogers County RWD9 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Mays County RWD4 |

| | | |
|--------|--|---|
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Oklahoma Ordinance Works Authority |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | City of Claremore |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.5 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 100 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 20 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 121.7 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 10.1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Yes but there is not any funding other than what we can do. We will continue to upgrade system as we can afford. Yes all originals lines 30yrs old upgraded in size and material. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Fort Supply |
| 1.2.1 | PWSID Number | OK3007701 |
| 1.2.2 | PWSID Number | 3007701 |
| 1.3.1 | Contact Information: - Name | Clay Hickman |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580-254-1239 |
| 1.3.4 | Contact Information: - E-Mail Address | fortsupply@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 156 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fort Supply |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73841 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 501 Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Fort Supply |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73841 |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Woodward |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Install 26 new shut off valves & replace old water lines |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 7 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | There is approximately 1 mile of 2" line that needs replaced. |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Shut off valves are funded by REAP Grant. Supply line has not been addressed yet. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Dacoma PWA |
| 1.2.1 | PWSID Number | OK3007607 |
| 1.2.2 | PWSID Number | 3007607 |
| 1.3.1 | Contact Information: - Name | Joel Shoulders |
| 1.3.2 | Contact Information: - Title | Chairman Dawa |
| 1.3.3 | Contact Information: - Phone Number | 580.871.2250 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 22 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Dacoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73731 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1100 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Dacoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73731 |
| 1.3.11 | Contact Information: - County | Woods |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 130 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 120 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 90 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 50 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 80 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 70 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 60 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 50 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 20 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 12000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 10000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 8000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 7000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 6000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 13200 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Current yr act count |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.10.1 | Source of estimated percentages | Actual billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Alva |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|--------|--|---------------------------------|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4240000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Woods County RWD #3 |
| 1.2.1 | PWSID Number | 3007605 |
| 1.2.2 | PWSID Number | 3007605 |
| 1.3.1 | Contact Information: - Name | Max Lancaster |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580.435.2262 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 38521 Grady Road |
| 1.3.9 | Contact Information: - Physical Address (City) | Alva |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73717 |
| 1.3.11 | Contact Information: - County | Woods |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 56 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 357 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 340 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 305 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 536520 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2007 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Alva |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Waynoka |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 26.96 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 6.9613 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New pumps/pump houses/new line pipe/new creek crossings; loop whole system |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 450 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Woods County RWD #1 |
| 1.2.1 | PWSID Number | OK3007602 |
| 1.2.2 | PWSID Number | 3007602 |
| 1.3.1 | Contact Information: - Name | Mark Schwerdtfeger |
| 1.3.2 | Contact Information: - Title | Chairman of the Board |
| 1.3.3 | Contact Information: - Phone Number | 580.829.4562 |
| 1.3.4 | Contact Information: - E-Mail Address | rudy73725@netscape.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1083 4th |
| 1.3.6 | Contact Information: - Mailing Address (City) | Capron |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73717 |
| 1.3.11 | Contact Information: - County | Woods |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 24 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 243 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 287 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05915 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.058558 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.059741 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.059741 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.059741 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 97000 gallons |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.10.1 | Source of estimated percentages | our own calculations |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Alva |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 25.399 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 157 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|----------------------------------|
| 1.1.1 | Provider Name | Town of Freedom |
| 1.2.1 | PWSID Number | 3007601 |
| 1.2.2 | PWSID Number | 3007601 |
| 1.3.1 | Contact Information: - Name | Robert Babrook |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 580.661.3302 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 173 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Freedom |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73842 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 403 Main Street |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73842 |
| 1.3.11 | Contact Information: - County | Woods |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 40 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | None |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 271 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 270 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 270 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 280 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 165 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 165 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 165 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 171 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0198 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.0198 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.0198 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.0205 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.0035 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 7.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.10.1 | Source of estimated percentages | Estimation/did not add up to 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Woodward RWD #1 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 7.2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |

| | | |
|--------|---|---------------------------------|
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Have some leak to repair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of Bessie |
| 1.2.1 | PWSID Number | 3007504 |
| 1.2.2 | PWSID Number | 3007504 |
| 1.3.1 | Contact Information: - Name | Tiffany Thompson |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-660-0369/337-6602 |
| 1.3.4 | Contact Information: - E-Mail Address | townofbessie@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 38 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bessi |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73622 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 714 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Bessie |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73622 |
| 1.3.11 | Contact Information: - County | Washita |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 190 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 190 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 112 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 112 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 116 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 120 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.012 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.012 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.012 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.012 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 4.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.10.1 | Source of estimated percentages | Town books |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Foss Reservoir |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Washita RWD @2 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4.2 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0.4 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |

| | | |
|--------|--|---|
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Poor pressure in places; cannot get tank to fill completely |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Our town is on the verge of being bankrupt due to all the requirements by the state (not just water). I think the state is out of control in their dues and fees. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Rocky |
| 1.2.1 | PWSID Number | 3007501 |
| 1.2.2 | PWSID Number | 3007501 |
| 1.3.11 | Contact Information: - County | Washita |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 105 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 101 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 102 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 110 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 105 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 105 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 107 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 6665 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 6665 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 6665 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 6665 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 6665 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1998 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2432900 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Beckham County RWD #1 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2432900 |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Wash. Co. RWD #5, Inc. |
| 1.2.1 | PWSID Number | 3007409 |
| 1.2.2 | PWSID Number | 3007409 |
| 1.3.1 | Contact Information: - Name | Les W. Scudder |
| 1.3.2 | Contact Information: - Title | Mrg. |
| 1.3.3 | Contact Information: - Phone Number | 918.331.7743 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1377 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bartlesville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74005 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 10050 N. 4010 Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Wann |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74083 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 355 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23551000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 83 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | Billing register |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Bartlesville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 23551000 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 77 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Needs: update of materials |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| | | |
|--------|---|----|
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Ramona |
| 1.2.1 | PWSID Number | 3007408 |
| 1.2.2 | PWSID Number | 3007408 |
| 1.3.1 | Contact Information: - Name | Todd Asbury/Cyle Miller |
| 1.3.2 | Contact Information: - Title | Operator/Mayor |
| 1.3.3 | Contact Information: - Phone Number | 918.698.7983 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 420 2nd St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ramona |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74061 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 420 2nd St |
| 1.3.9 | Contact Information: - Physical Address (City) | Ramona |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74061 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1550 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1800 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 753 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1105 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1170 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1235 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.033 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.049 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.051 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.054 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 12000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Bartlesville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 12 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 150 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 35 |

| | | |
|--------|---|---|
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Bar-Dew Water, Asso 3 |
| 1.2.1 | PWSID Number | Ok3007406 |
| 1.2.2 | PWSID Number | 3007406 |
| 1.3.1 | Contact Information: - Name | Gary Brown |
| 1.3.2 | Contact Information: - Title | President |
| 1.3.3 | Contact Information: - Phone Number | 918.336.5933 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 15501 N. 3940 Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bartlesville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74003 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 210 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 250 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 65 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 70 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.885 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.00105 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.10.1 | Source of estimated percentages | Billed Water |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of B-Ville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 3120000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 33 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 67 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Add (illegible) |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| | | |
|--------|---|---------------------------|
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | Washington County RWD # 2 |
| 1.2.1 | PWSID Number | 3007403 |
| 1.2.2 | PWSID Number | 3007403 |
| 1.3.1 | Contact Information: - Name | David Anderson |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-535-2302 |
| 1.3.4 | Contact Information: - E-Mail Address | umcc@totelcsl.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 420 |
| 1.3.6 | Contact Information: - Mailing Address (City) | ochelata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74051 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 396301 west rd. 3000 |
| 1.3.9 | Contact Information: - Physical Address (City) | ochelata |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74051 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21.2 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1059 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1070 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Bartlesville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 79.838 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CITY OF DEWEY |
| 1.2.1 | PWSID Number | OK3007402 |
| 1.2.2 | PWSID Number | 3007402 |
| 1.3.1 | Contact Information: - Name | CASSIE HAYES |
| 1.3.2 | Contact Information: - Title | CITY TREASURER |
| 1.3.3 | Contact Information: - Phone Number | 918-534-2272 |
| 1.3.4 | Contact Information: - E-Mail Address | chayes@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 411 E. Don Tyler Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Dewey |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74029 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 411 E. DON TYLER AVE. |
| 1.3.9 | Contact Information: - Physical Address (City) | DEWEY |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74029 |
| 1.3.11 | Contact Information: - County | WASHINGTON |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | PURCHASE FROM CITY OF BARTLESVILLE |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3287 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3398 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3514 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3489 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3512 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2080 - 3715 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1788 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1803 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1818 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1809 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1888 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2080 - 1,900 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | ESTIMATE/GUESS |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | N/A |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 9 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 20 |
| 3.10.1 | Source of estimated percentages | GUESS |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |

| | | |
|--------|---|---------------------------------|
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RURAL DISTRICT #1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | N/A |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | N/A |
| 7.11.5 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 3: | N/A |
| 7.11.7 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 4: | N/A |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | Washington Rural Water District # 1 |
| 1.2.1 | PWSID Number | 3007401 |
| 1.2.2 | PWSID Number | 3007401 |
| 1.3.1 | Contact Information: - Name | David Anderson |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-535-2102 |
| 1.3.4 | Contact Information: - E-Mail Address | umcoo@totalcsi.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 420 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ochelata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74051 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ochelata |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74051 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14.52 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 537 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 540 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 580 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 650 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | bill |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Bartlesville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 32.431 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Wagoner County Rural Water District #6 |
| 1.2.1 | PWSID Number | OK3007330 |
| 1.2.2 | PWSID Number | 3007330 |
| 1.3.1 | Contact Information: - Name | Brandi Masten or Alva Smith |
| 1.3.2 | Contact Information: - Title | Manager Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918-485-4195 |
| 1.3.4 | Contact Information: - E-Mail Address | RWD6@valornet.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2219 W Hwy 51 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wagoner |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74467 |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1900 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 626 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 712 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 732 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 752 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 772 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Wagoner |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 54.6822 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Porter Public Works Authority |
| 1.2.1 | PWSID Number | 3007306 |
| 1.2.2 | PWSID Number | 3007306 |
| 1.3.1 | Contact Information: - Name | Rickie Bracket |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | (918) 483-8331 |
| 1.3.4 | Contact Information: - E-Mail Address | None |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 149 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Porter |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74454 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 617 S. Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Porter |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74454 |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 31 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2360 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5000 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | Year: 2070 Quantity: 5500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 674 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 743 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 857 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1428 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | Year: 2070 Quantity: 1572 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 7 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 31 |
| 3.10.1 | Source of estimated percentages | Amount of water sold in 2007 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Tullahassee |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Muskogee |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Wagoner County Rural Water District #5 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |

| | | |
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| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Replacement of old water lines |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Update the water storage system with larger pumps and new computer system |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City Of Bixby |
| 1.2.1 | PWSID Number | 3007243 |
| 1.2.2 | PWSID Number | 3007243 |
| 1.3.1 | Contact Information: - Name | Heath Wright |
| 1.3.2 | Contact Information: - Title | Utilites Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918-366-4430 |
| 1.3.4 | Contact Information: - E-Mail Address | heathwright@olp.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 70 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bixby |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74008 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 116 W. Needles |
| 1.3.9 | Contact Information: - Physical Address (City) | Bixby |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74008 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 22531 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 7563 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.31 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 32 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #8 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City Of Tulsa |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 843.15 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 50 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 3 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Well maintained system |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

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| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Glenpool |
| 1.2.1 | PWSID Number | 3007223 |
| 1.2.2 | PWSID Number | 3007223 |
| 1.3.1 | Contact Information: - Name | Laslem (Barney) McIntosh |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 918.322.5409 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 70 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Glenpool |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74033 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 141 W 141st |
| 1.3.9 | Contact Information: - Physical Address (City) | Glenpool |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74033 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 9550 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 13500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 18000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 26000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 35000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3700 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 45000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 573956 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 600000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 750000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 900000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 12/30/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 573956 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 291981345 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | n/a |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.10.1 | Source of estimated percentages | Total Customers |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Water #6 Okmulgee |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 291981345 |

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| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 4.60332491 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 32 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 18 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 10 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Additional Subdivisions |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | Not resold |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Water Improvement Dist. #3 |
| 1.2.1 | PWSID Number | OK3007221 |
| 1.2.2 | PWSID Number | 3007221 |
| 1.3.1 | Contact Information: - Name | Deborah Summers |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.425.1745 |
| 1.3.4 | Contact Information: - E-Mail Address | turley0623@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 6108 N. Peoria |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tulsa |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74126 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | ?-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 24.06 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 980 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 980 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 980 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 980 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 980 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 72 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Owasso |
| 1.2.1 | PWSID Number | 3007218 |
| 1.2.2 | PWSID Number | 3007218 |
| 1.3.1 | Contact Information: - Name | Roger |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 918-272-4959 |
| 1.3.4 | Contact Information: - E-Mail Address | rstevens@cityofowasso.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 180 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Owasso |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74055 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 301 W 2nd Ave |
| 1.3.9 | Contact Information: - Physical Address (City) | Owasso |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74055 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 23500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 25000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 30000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 35000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 50000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 8500 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 9100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 11000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 13000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 19000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.35 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.85 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 3.35 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.85 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/5/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 5.7 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 832 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Public Works Records |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | Utility Bills |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 48 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 48 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 24 |

| | | |
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| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 7 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.5.3 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | 20 |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Is there any state or federal funding available for projects concerning reuse of wastewater treatment plant effluent? If so, please provide me with some information concerning the process. Thank you |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | T.C. Water Improvement Dist #14 |
| 1.2.1 | PWSID Number | 3007213 |
| 1.2.2 | PWSID Number | 3007213 |
| 1.3.1 | Contact Information: - Name | Sharon Todd |
| 1.3.2 | Contact Information: - Title | Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918.245.1857 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 400-1/2 Valley Dr |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sand Springs |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74063 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 400-1/2 Valley Dr |
| 1.3.9 | Contact Information: - Physical Address (City) | Sand Springs |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74063 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1314 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 434 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 434 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 434 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.057 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.057 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.057 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 100000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | in office reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Sand Springs |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 26400 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.132575758 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.125 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | SPERRY UTILITY SERVICES AUTHORITY |
| 1.2.1 | PWSID Number | 3007202 |
| 1.2.2 | PWSID Number | 3007202 |
| 1.3.1 | Contact Information: - Name | KEN THOMPSON |
| 1.3.2 | Contact Information: - Title | TOWN ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 918-288-2286 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. BOX 609 |
| 1.3.6 | Contact Information: - Mailing Address (City) | SPERRY |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74073 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 N. CINCINNATI |
| 1.3.9 | Contact Information: - Physical Address (City) | SPERRY |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74073 |
| 1.3.11 | Contact Information: - County | TULSA |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | PUBLIC TRUST |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1020 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1050 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1070 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1090 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 650 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 680 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 720 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 730 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 62890 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF TULSA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 62890 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3.79E-03 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.52E-02 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

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| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
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| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Jenks |
| 1.2.1 | PWSID Number | 3007201 |
| 1.2.2 | PWSID Number | 3007201 |
| 1.3.1 | Contact Information: - Name | Loyd Bell |
| 1.3.2 | Contact Information: - Title | Engineering Technician |
| 1.3.3 | Contact Information: - Phone Number | 918-299-5883 |
| 1.3.4 | Contact Information: - E-Mail Address | lbell@jenksok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 2007 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Jenks |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74037 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 211 North Elm St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Jenks |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74037 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Manitou |
| 1.2.1 | PWSID Number | OK3007101 |
| 1.2.2 | PWSID Number | 3007101 |
| 1.3.1 | Contact Information: - Name | Aline Munro |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580.397.2006 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 40 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Manitou |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73555 |
| 1.3.9 | Contact Information: - Physical Address (City) | Manitou |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73555 |
| 1.3.11 | Contact Information: - County | Tillman |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Rationing ordinance/Ordinance regulatine/private wells/water rate structure |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 286 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 290 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 292 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 294 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 86 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 90 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 92 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 94 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.056 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.059 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.06 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.061 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.065 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 20467000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 96 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.10.1 | Source of estimated percentages | Local Estimate |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Frederick |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 100 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Frederick |

| | | |
|--------|--|---|
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Altus-Tom Steed |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 100 |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Tom Steed |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Lake Frederick |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Lines are old/small |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replace 86 of the lines the systems |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Alva Wat Dist #5 |
| 1.2.1 | PWSID Number | 1021175 + 3006815 |
| 1.2.2 | PWSID Number | 3006815 |
| 1.3.1 | Contact Information: - Name | Shane Mannon |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.489.5898 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO 714 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Gore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74435 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Highway 64 & Charlie Lane |
| 1.3.9 | Contact Information: - Physical Address (City) | Gore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74435 |
| 1.3.11 | Contact Information: - County | Sequoyah |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2425 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2450 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2475 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2500 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2525 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 450 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 475 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 525 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 550 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 575 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 130000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 140000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 150000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 160000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 170000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/26/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 225000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 43037000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 94 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Sequoyah County Water Asso. |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lower Illinois River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 320 acre feet |

| | | |
|--------|--|--|
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 45 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.288 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 230 thousand |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 130000 per day |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.224 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 43037000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1992 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | no |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 500 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 9 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Upgrade to mole 6" lines + now 80000 gallon storage tank |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | VIAN PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 3006812 |
| 1.2.2 | PWSID Number | 3006812 |
| 1.3.1 | Contact Information: - Name | GENE GRINSTEAD |
| 1.3.2 | Contact Information: - Title | TOWN SUPERVISOR |
| 1.3.3 | Contact Information: - Phone Number | 918-773-5067 |
| 1.3.4 | Contact Information: - E-Mail Address | ggrinstead@townofvian.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 687 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Vian |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74962 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 107 S Thornton |
| 1.3.9 | Contact Information: - Physical Address (City) | Vian |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74962 |
| 1.3.11 | Contact Information: - County | Sequoyah |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | SEQUOYAH COUNTY WATER ASSOCIATION |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Sequoyah Rural Water District 7 |
| 1.2.1 | PWSID Number | 3006806 |
| 1.2.2 | PWSID Number | 3006806 |
| 1.3.1 | Contact Information: - Name | Tommy Click |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-427-6587 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2000 E Shawntel Smith |
| 1.3.6 | Contact Information: - Mailing Address (City) | Muldrow, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74948 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2000 E Shawntel Smith |
| 1.3.9 | Contact Information: - Physical Address (City) | Muldrow, Ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74948 |
| 1.3.11 | Contact Information: - County | Sequoyah |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City Of Ft Smith |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Town Of Muldrow |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 165 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 1 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Gans Utility Authority |
| 1.2.1 | PWSID Number | OK3006802 |
| 1.2.2 | PWSID Number | 3006802 |
| 1.3.1 | Contact Information: - Name | Tommy Victory |
| 1.3.2 | Contact Information: - Title | Trustee |
| 1.3.3 | Contact Information: - Phone Number | 918-775-2411 |
| 1.3.4 | Contact Information: - E-Mail Address | ganstownhall@csweb.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 116 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Gans |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74936 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 Stacy Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Gans |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74936 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 625 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 644 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 663 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 683 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 703 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 250 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 257 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 265 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 273 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 281 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 42600 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 43878 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 45194 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 46550 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 46946 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 17203900 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | 3% in Water Use to Match County Growth Estimate |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 89 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Actual Water Used (Monthly Billing) |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water District #3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|----------|--|---|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 17203900 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Maintain a static pressure of 50 lbs or more on all service lines. Only had a 10% loss of water for 2007. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replace 4,400 feet of transit 6 inch line from water tower to Northern limits of town. Currently working with Rural Water District #3 on co-usage of 116K water tower and implacement of 1 mile of line from said tower to our current water tower. Funding options are extremely limited to CDBG Grants/REAP Grants. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Our water comes through the City of Sallisaw via Rural Water District #3 and our Drought Management and Water Conservation are stipulated by their plans. |
| Comments | | Water is purchased |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District 12 - Rogers County |
| 1.2.1 | PWSID Number | 3006648 |
| 1.2.2 | PWSID Number | 3006648 |
| 1.3.1 | Contact Information: - Name | Bill Schiffmacher |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.376.9054 |
| 1.3.4 | Contact Information: - E-Mail Address | Schiff111@gmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 10107 N. Dover Pl |
| 1.3.6 | Contact Information: - Mailing Address (City) | Owasso |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74055 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 10107 N. Dover Pl |
| 1.3.9 | Contact Information: - Physical Address (City) | Owasso |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74055 |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 71 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 73 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 75 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 75 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 75 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 71 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 73 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 75 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 75 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 75 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.047978 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.048 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.048 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.048 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.048 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Self-estimate |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | RWD #3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 17.512 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.02 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Catoosa |
| 1.2.1 | PWSID Number | OK3006629 |
| 1.2.2 | PWSID Number | 3006629 |
| 1.3.1 | Contact Information: - Name | Tammy Gilbert |
| 1.3.2 | Contact Information: - Title | Utility Clerk / Human Resources |
| 1.3.3 | Contact Information: - Phone Number | 918-266-0800 |
| 1.3.4 | Contact Information: - E-Mail Address | tgilbert@cityofcatoosa.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Catoosa, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74015 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 214 S. Cherokee |
| 1.3.9 | Contact Information: - Physical Address (City) | Catoosa, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74015 |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3280 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3685 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4033 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1228 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1312 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1474 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2180 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.9174 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.9724 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.089 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.3721 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/8/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 15089 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 34 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.10.1 | Source of estimated percentages | catoosa |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 34 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 7.9 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.19 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

| | | |
|--------|--|---------------------------------|
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Inola Public Works Authority |
| 1.2.1 | PWSID Number | ok3006612 |
| 1.2.2 | PWSID Number | 3006612 |
| 1.3.1 | Contact Information: - Name | Greg Boeckman |
| 1.3.2 | Contact Information: - Title | Maintance Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918-543-2430 |
| 1.3.4 | Contact Information: - E-Mail Address | grannywilma@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1 commercial st |
| 1.3.6 | Contact Information: - Mailing Address (City) | inola okla |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74036 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Rogers County RWD #8 - LG.CDM |
| 1.2.1 | PWSID Number | OK 3006606 |
| 1.2.2 | PWSID Number | 3006606 |
| 1.3.1 | Contact Information: - Name | Brian Marlin |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-341-4628 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 22094 S. 4160 Road |
| 1.3.6 | Contact Information: - Mailing Address (City) | Claremore, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74019 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Same |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Daily reading of master meter |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 8000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1150 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 350000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 400000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 500000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 600000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 750000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 820000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 141 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Both County Growth Estimates and Self-Provided |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | Our History |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD # 6 Rogers County |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD # 7 Rogers County |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 28220000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rogers County RWD # 7 |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Claremore |

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|--------|--|---|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 3668000 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 137372000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | City of Claremore |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 85 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0 |
| 6.1.3 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 3 | 0 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0 |
| 6.2.3 | What is the maximum treatment rate of your facility (MGD)? - WTP 3 | 0 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0 |
| 6.3.3 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 3 | 0 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0 |
| 6.4.3 | What was your 2007 peak day production (MGD)? - WTP 3 | 0 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 0 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 0 |
| 6.5.3 | Total annual production in 2007 (MG) - WTP 3 | 0 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 0 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 0 |
| 6.6.3 | What year was your water treatment plant(s) originally built? - WTP 3 | 0 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 0 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 0 |
| 6.7.3 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 3 | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | North Pump Station - Upgrade South Pump Station - Upgrade 3 Line Extensions |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

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| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rogers Co. Rural Water Dist #2 |
| 1.2.1 | PWSID Number | OK3006603 |
| 1.2.2 | PWSID Number | 3006603 |
| 1.3.1 | Contact Information: - Name | Ruperto Aguilar |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-398-1369 |
| 1.3.4 | Contact Information: - E-Mail Address | waterdistrict_2@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 211 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Claremore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74018 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 17261 S 4170rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Claremore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74017 |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7.3 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2750 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3530 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4310 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5090 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7430 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1100 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1412 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1724 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2036 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2972 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 76 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 90.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 104.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 119 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 162.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/5/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 76 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 91 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.10.1 | Source of estimated percentages | Billing Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City Of Claremore |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 76 |

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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 57 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 7 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2.5 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | This system has very few problems the, in some of the higher elevations people do have low pressure in the hottest part of the year. We have very few leaks, and not many complaints. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We are planning a connection with Rogers RWD #3 that plan is just in the early stages. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water Dist #5, Pushmataha Co. |
| 1.2.1 | PWSID Number | #3006410 |
| 1.2.2 | PWSID Number | 3006410 |
| 1.3.1 | Contact Information: - Name | David A. Murray |
| 1.3.2 | Contact Information: - Title | Chairman Board of Director |
| 1.3.3 | Contact Information: - Phone Number | 918.755.4637 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 471 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Nashoba |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74558 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 E Hwy #144 |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74558 |
| 1.3.11 | Contact Information: - County | Pushmataha, Co. |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 263 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 265 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 320 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 480 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 600 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 19216 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 23251 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 29064 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 34877 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 43596 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 21643 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | 39878 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 3 |
| 3.10.1 | Source of estimated percentages | Billing register |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Sardis Lake Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

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| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 7710300 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 80 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 147 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 60 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 41 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 59 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Provide water for all local residents first. Excess water to be provided to others in Okla. water district's Regions on excess basis only. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | All water planning should be for Oklahoma. Provide water to Okla. resident's that do not have water available. There are many areas that water is not available. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pushmataha Rural Water Dist # 1 |
| 1.2.1 | PWSID Number | 3006403 |
| 1.2.2 | PWSID Number | 3006403 |
| 1.3.1 | Contact Information: - Name | jerry buchanan |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-569-4326 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Pine & Railroad P.o. Box 191 |
| 1.3.6 | Contact Information: - Mailing Address (City) | clayton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74536 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Pine St. & Railroad |
| 1.3.9 | Contact Information: - Physical Address (City) | clayton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74536 |
| 1.3.11 | Contact Information: - County | Pushmataha |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10.47 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 478 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.078 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.221 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 28.6 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | no estimates given for this area |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | history usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Sardis Lake Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 28.6 |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 60000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 205000 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 287 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Please do not sale Oklahoma's water out of State. After this water plan is complete. You will find that there is an abundance of water now, but what about a drought and unforeseen needs in our future. Jerry Buchanan |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Rural Water District #2 |
| 1.2.1 | PWSID Number | 3006402 |
| 1.2.2 | PWSID Number | 3006402 |
| 1.3.1 | Contact Information: - Name | Orville dighton |
| 1.3.2 | Contact Information: - Title | Operator Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.563.4314 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 160 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Albion, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74521 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Broadway & Main (Corner) |
| 1.3.9 | Contact Information: - Physical Address (City) | Albion, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74521 |
| 1.3.11 | Contact Information: - County | Pushmataha |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 75000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 30.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | None |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 55 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 33 |
| 3.10.1 | Source of estimated percentages | Revenue & customer ledger |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Talihina Public Works |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 30664000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Carl Albert Lake |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 250 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | town of Asher |
| 1.2.1 | PWSID Number | 3006311 |
| 1.2.2 | PWSID Number | 3006311 |
| 1.3.1 | Contact Information: - Name | Carl Neeley |
| 1.3.2 | Contact Information: - Title | Supt. |
| 1.3.3 | Contact Information: - Phone Number | 405-684-2242 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. BAsher |
| 1.3.6 | Contact Information: - Mailing Address (City) | 74826 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 104 W. Main |
| 1.3.11 | Contact Information: - County | Pottatomie |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 375 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 195 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 50000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 65000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | meters |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Pottawatomie County RWD 3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 12.272 |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Meet new state requirements |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 27 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 2 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | All PVC but 3000 feet |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | No funding, but need to replace 3000 feet of cast iron. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | We need to keep our water in Oklahoma, not sale to other states |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Water is no. 1 to people and need to keep it safe and not so high. |
| Comments | | None-purchased |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pottawatomie County Development Authority |
| 1.2.1 | PWSID Number | OK3006303 |
| 1.2.2 | PWSID Number | 3006303 |
| 1.3.1 | Contact Information: - Name | Angie Kinnamon |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-273-8064 |
| 1.3.4 | Contact Information: - E-Mail Address | pcdah20@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 17508 Bethel Rd |
| 1.3.6 | Contact Information: - Mailing Address (City) | Shawnee |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74801 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.9 | Contact Information: - Physical Address (City) | same |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | same |
| 1.3.11 | Contact Information: - County | Pottawatomie |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Rural Water System and Public Trust |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1250 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1550 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1950 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 473 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 490 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 520 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 550 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 650 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 130 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 140 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 165 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 180 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 220 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 58 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2002 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 64 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 20 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | own records on account types |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Squirrel Creek MHP/Ruth McDivitt |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Tecumseh |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2041000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Shawnee 100% |

| | | |
|--------|---|--|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 67000000 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 60 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Please be advised that water usage for 2007 was higher due to City of Tecumseh's usage. City of Tecumseh was using water specifically to keep their lines flushed and available for immediate use due to their possibility of needing emergency water. They normally use NO water each year, and have since made plans for an alternate resource for emergency water needs so we do not expect them to again use/purchase any amount of significant water in the future. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pontotoc Co. Rural Water Dist.7 |
| 1.2.1 | PWSID Number | 3006215 |
| 1.2.2 | PWSID Number | 3006215 |
| 1.3.1 | Contact Information: - Name | Buck Cooper |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 580-436-2277 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 1461 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ada |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74820 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 11960 C.R. 3590 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ada |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74820 |
| 1.3.11 | Contact Information: - County | Pontotoc |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R-OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4350 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4725 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5975 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7225 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8225 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1740 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1890 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2390 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2890 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3290 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.545 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.695 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.845 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.995 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.585 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 183.232 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 18 |
| 3.10.1 | Source of estimated percentages | manager |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Ada |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 183.232 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 15 |

| | | |
|--------|--|-----------|
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|---|----------------------|
| 1.1.1 | Provider Name | QUINTON PUBLIC WORKS |
| 1.2.1 | PWSID Number | OK3006123 |
| 1.2.2 | PWSID Number | 3006123 |
| 1.3.1 | Contact Information: - Name | CHARLENE CASS |
| 1.3.2 | Contact Information: - Title | TOWN CLERK |
| 1.3.3 | Contact Information: - Phone Number | 918-469-2652 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 420 |
| 1.3.6 | Contact Information: - Mailing Address (City) | QUINTON |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74561 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1021 S MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | QUINTON |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74561 |
| 1.3.11 | Contact Information: - County | PITTSBURG |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Jones Academy (OWRB/Tribal) |
| 1.2.1 | PWSID Number | 3006122 |
| 1.2.2 | PWSID Number | 3006122 |
| 1.3.1 | Contact Information: - Name | Dwayne Sanders |
| 1.3.2 | Contact Information: - Title | Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918.297.7349 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 102-5 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hartshorne |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74547 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Residential Boarding School-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | N/A |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Hartshorne |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 5400000 |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Pittsburg County RWD # 5 |
| 1.2.1 | PWSID Number | 3006115 |
| 1.2.2 | PWSID Number | 3006115 |
| 1.3.1 | Contact Information: - Name | Jim Henley |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-426-5555 |
| 1.3.4 | Contact Information: - E-Mail Address | jhh44@allegiance.tv |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 102 |
| 1.3.6 | Contact Information: - Mailing Address (City) | McAlester |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74502 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5211 South Chambers Road |
| 1.3.9 | Contact Information: - Physical Address (City) | McAlester |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74501 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pittsburg Co. RWD #8 (Adamson) |
| 1.2.1 | PWSID Number | 3006112 |
| 1.2.2 | PWSID Number | 3006112 |
| 1.3.1 | Contact Information: - Name | Gary Peoples |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.297.3074 |
| 1.3.8 | Contact Information: - Physical Address (Street) | HCR 74, Box 180 |
| 1.3.9 | Contact Information: - Physical Address (City) | Hartshorne |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74547 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 28 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1655 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.4 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.6 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 144 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Our records |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.10.1 | Source of estimated percentages | Our records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Pittsburg County Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 144 |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Haileyville |
| 1.2.1 | PWSID Number | 3006111 |
| 1.2.2 | PWSID Number | 3006111 |
| 1.3.1 | Contact Information: - Name | Bobby F. Baldwin Jr. |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 918-297-2402 |
| 1.3.4 | Contact Information: - E-Mail Address | mayorbob_b@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. box 316 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Haileyville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74546 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 510 Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Haileyville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74546 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 895 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 940 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 405 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 420 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 450 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 525 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 293000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 310000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 330000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 360000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 375000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 8 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Pitsburg County Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 90000000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |

| | | |
|--------|--|---------------------------------|
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District No. 9 |
| 1.2.1 | PWSID Number | 3006107 |
| 1.2.2 | PWSID Number | 3006107 |
| 1.3.1 | Contact Information: - Name | Debbie Fuller |
| 1.3.2 | Contact Information: - Title | Secretary |
| 1.3.3 | Contact Information: - Phone Number | 918-423-7098 |
| 1.3.4 | Contact Information: - E-Mail Address | dafuller@fullnet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 1765 |
| 1.3.6 | Contact Information: - Mailing Address (City) | McAlester |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74502 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2890 Shady Grove Road |
| 1.3.9 | Contact Information: - Physical Address (City) | McAlester |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74501 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17.51 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 750 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 387 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 56000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 60000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 65000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 70000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 75000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2009 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 116000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 28323500 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | past records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of McAlester |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 28323500 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 48 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |

| | | |
|--------|---|---------------------------------|
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Hartshorne |
| 1.2.1 | PWSID Number | 3006101 |
| 1.2.2 | PWSID Number | 3006101 |
| 1.3.1 | Contact Information: - Name | Mark Day |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 918-297-254 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1101 Penn. Ave |
| 1.3.9 | Contact Information: - Physical Address (City) | Hartshorne |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74547 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2350 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1120 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1150 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1250 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.31 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.32 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.34 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.35 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.4 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | Accounts |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Pittsburg County Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 108 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |

| | | |
|--------|--|---------------------------------|
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 25 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Glencoe Public Works Auth |
| 1.2.1 | PWSID Number | OK3006040 |
| 1.2.2 | PWSID Number | 3006040 |
| 1.3.1 | Contact Information: - Name | Shelly Andrews |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580.669.2271 |
| 1.3.4 | Contact Information: - E-Mail Address | secretary@townof glencoe |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 198 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Glencoe OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74032 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 220 W Shepard ST |
| 1.3.9 | Contact Information: - Physical Address (City) | Glencoe OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74032 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 57 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 640 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 660 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 710 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 770 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 253 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 257 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 277 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.039 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.039 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.042 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.046 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14111670 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Farmer's |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Contractor's |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 95000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney Water Assoc |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 14111670 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|--|---------------------------------|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | city of yale |
| 1.2.1 | PWSID Number | 3006039 |
| 1.2.2 | PWSID Number | 3006039 |
| 1.3.1 | Contact Information: - Name | Thomas Roane |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-387-2405 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofyale@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 209 North Main Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Yale |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74085 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 209 North Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Yale |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74085 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1440 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1530 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1640 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1740 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2235 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 606 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 610 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 649 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 691 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 834 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.4 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.6 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.8 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 41.2 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 55 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 26 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 |
| 3.10.1 | Source of estimated percentages | billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |

| | | |
|--------|--|---------------------------------|
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Lone Chimney |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 41.2 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 12 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 8 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | 51 East Water, Inc |
| 1.2.1 | PWSID Number | 3006003 |
| 1.2.2 | PWSID Number | 3006003 |
| 1.3.1 | Contact Information: - Name | Jeff Gammill |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-372-1151 |
| 1.3.4 | Contact Information: - E-Mail Address | jeffg@provalue.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 420 S Union Rd |
| 1.3.6 | Contact Information: - Mailing Address (City) | Stillwater |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74074 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 420 S Union Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Stillwater |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74074 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | rural water corporation |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2050 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 800 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 900 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1300 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.15 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.18 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.26 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.4 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.6 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.22 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 63500000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | system information |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Stillwater |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Lone Chimney Water Association |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |

| | | |
|--------|--|---------------------------------|
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 18078000 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 45455500 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Payne Co. RWD #4 |
| 1.2.1 | PWSID Number | 3006001 |
| 1.2.2 | PWSID Number | 3006001 |
| 1.3.1 | Contact Information: - Name | R.D. Ritter |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 405.664.1143 |
| 1.3.4 | Contact Information: - E-Mail Address | sd-rd@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 108 Main St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Yale |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74085 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 Watson Dr. Apt C-1 |
| 1.3.9 | Contact Information: - Physical Address (City) | Yale |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74085 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 33 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 842 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 854 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 875 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1060 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 354 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 368 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 398 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 428 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.043 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.05 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.055 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.06 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.075 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/22/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.061 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 24 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 8 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 30 |
| 3.10.1 | Source of estimated percentages | System knowledge |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney Water Association |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|--------|--|---|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 24 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 60 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1 - Looping system -w- 4" Line 2 - Augmenting system from east. Source as yet to be determined. (No funding/financing in place) |

| Question # | Question | Answer |
|------------|--|---------------------------------------|
| 1.1.1 | Provider Name | Pawnee County Rural Water District #2 |
| 1.2.1 | PWSID Number | 3005921 |
| 1.2.2 | PWSID Number | 3005921 |
| 1.3.1 | Contact Information: - Name | Nina Gill |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-757-4125 |
| 1.3.4 | Contact Information: - E-Mail Address | pcrwd2@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | po box 103 |
| 1.3.6 | Contact Information: - Mailing Address (City) | terlton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74081 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 e main |
| 1.3.9 | Contact Information: - Physical Address (City) | terlton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74081 |
| 1.3.11 | Contact Information: - County | pawnee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 775 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 775 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 775 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 775 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 775 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 75 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 25 |
| 3.10.1 | Source of estimated percentages | self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | lone chimney water |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 60 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pawnee County RWD #4 |
| 1.2.1 | PWSID Number | OK3005913 |
| 1.2.2 | PWSID Number | 3005913 |
| 1.3.1 | Contact Information: - Name | Ronny Mallory |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918-538-2228 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 525 Blackburn Road |
| 1.3.9 | Contact Information: - Physical Address (City) | Pawnee |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74058 |
| 1.3.11 | Contact Information: - County | Pawnee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 51 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 270 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 34492.1 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 25071030 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lone Chimney |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 10 of new 6" line is being planned |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Town of Burbank |
| 1.2.1 | PWSID Number | 3005752 |
| 1.2.2 | PWSID Number | 3005752 |
| 1.3.1 | Contact Information: - Name | Terry Willard |
| 1.3.2 | Contact Information: - Title | Supt. |
| 1.3.3 | Contact Information: - Phone Number | 918.648.5383 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 59 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Burbank |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74633 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 5th Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Burbank |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74633 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb (purchase rural water) |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 155 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 62 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 12000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/9/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 17100 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 3400300 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | We counted |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | read meter daily |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Meter readings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 3.4 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 100 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Working on grant to replace distribution. |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Yes, but not funding. Planning to replace distribution |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | Osage Rural Water Dist. # 18 |
| 1.2.1 | PWSID Number | 3005744 |
| 1.2.2 | PWSID Number | 3005744 |
| 1.3.1 | Contact Information: - Name | David Anderson |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 800-448-3264 |
| 1.3.4 | Contact Information: - E-Mail Address | umcco@totalcsi.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 420 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ochelata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74051 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5.92 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 136 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 145 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 180 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 250 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Pawhuska |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 7691000 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|---|----------------------|
| 1.1.1 | Provider Name | Osage County RWD #15 |
| 1.2.1 | PWSID Number | 3005736 |
| 1.2.2 | PWSID Number | 3005736 |
| 1.3.1 | Contact Information: - Name | Kim Bersche |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-396-2552 |
| 1.3.4 | Contact Information: - E-Mail Address | kim@rwd15.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1029 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Skiatook |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74070 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1500 West Rogers |
| 1.3.9 | Contact Information: - Physical Address (City) | Skiatook |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74070 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Osage County RWD # 5 |
| 1.2.1 | PWSID Number | 3005721 |
| 1.2.2 | PWSID Number | 3005721 |
| 1.3.1 | Contact Information: - Name | Faye Wickware |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-695-7402 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 467 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Barnsdall |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74002 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 12 cr 2460 |
| 1.3.9 | Contact Information: - Physical Address (City) | Barnsdall |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74002 |
| 1.3.11 | Contact Information: - County | osage |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | We charge more per thousand. The more water you use. |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 510 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 180 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | We have not projected an annual average. |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 52 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Barnsdall |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 18 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 37 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | We do not have many problems with the system. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replacement of some creek crossing and other problem areas. We are trying to get a grant since 2001. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

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| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | I am afraid we are going to put such strict standards, we are not going to be able to meet the standards. Barnsdall lost its ambulance because of such strict standards. We do not have to have one good as Tulsa, we would just like to have one. I fear the water end the same way. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Osage County RWD #1 |
| 1.2.1 | PWSID Number | 3005704 |
| 1.2.2 | PWSID Number | 3005704 |
| 1.3.1 | Contact Information: - Name | David Anderson |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-535-2302 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 420 |
| 1.3.6 | Contact Information: - Mailing Address (City) | ochelata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74051 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 396301 w. rd 3000 |
| 1.3.9 | Contact Information: - Physical Address (City) | ochelata |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74051 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17.2 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 376 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 385 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 415 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 550 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Bartlesville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 33.745 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD#9 Osage County Barnsdall |
| 1.2.1 | PWSID Number | OK3005702 |
| 1.2.2 | PWSID Number | 3005702 |
| 1.3.1 | Contact Information: - Name | J.A. Patrick |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.847.248 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 583 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Barnsdall, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74002 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 285 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 290 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 320 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 114 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 119 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 124 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 130 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 135 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.217 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.22 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.23 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.25 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.275 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 7921000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Annual Audit |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Barnsdall City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 7921000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Waxhoma |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 17 |

| | | |
|--------|---|---|
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | dewar public works authority |
| 1.2.1 | PWSID Number | 3005613 |
| 1.2.2 | PWSID Number | 3005613 |
| 1.3.1 | Contact Information: - Name | curtis king |
| 1.3.2 | Contact Information: - Title | water superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-650-8642 |
| 1.3.4 | Contact Information: - E-Mail Address | townofdewar@suddenlinkmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 7 |
| 1.3.6 | Contact Information: - Mailing Address (City) | dewar |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74431 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 107 n. broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | dewar |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74431 |
| 1.3.11 | Contact Information: - County | okmulgee |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 950 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 450 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 70 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 5 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Rural Water District #6, Okmulgee County |
| 1.2.1 | PWSID Number | 3005611 |
| 1.2.2 | PWSID Number | 3005611 |
| 1.3.1 | Contact Information: - Name | Rick Boone |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-827-6350 |
| 1.3.4 | Contact Information: - E-Mail Address | rickrwd6@olp.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 340 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mounds |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74047 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 11003 Hectorville Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Mounds |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74047 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 7722 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7472 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10972 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 13472 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 23472 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | n/a |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3089 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3389 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4389 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5389 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8389 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | n/a |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.65 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.71 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.92 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.13 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.77 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | n/a |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.05 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 240.7 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 0 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |

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| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | purchased / sold |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Okmulgee County RWD #20 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Okmulgee County RWD #7 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.6 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Okmulgee |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | City of Glenpool |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 68.93 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 169.12 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 2.72 |
| 6.8.10 | Type of treatment plant | Add chlorine as needed (haven't needed to chlorinate in two years) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 293 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 37.25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 8 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

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| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | n/a |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | n/a |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD # 7 Okmulgee |
| 1.2.1 | PWSID Number | ok3005608 |
| 1.2.2 | PWSID Number | 3005608 |
| 1.3.1 | Contact Information: - Name | David Powers |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-756-1721 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 14195 Dentonville Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Okmulgee |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74447 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 980 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1010 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1040 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1070 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1100 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 1135 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1010 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.198 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.22 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Master Meters |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Okmulgee |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Okmulgee Lake |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 230 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 7 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New stand pipe 7 of new line |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Do not give away our water rights. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Okmulgee Co RWD #20 |
| 1.2.1 | PWSID Number | 3005606 |
| 1.2.2 | PWSID Number | 3005606 |
| 1.3.1 | Contact Information: - Name | Luther Wayland |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.733.43.24 |
| 1.3.4 | Contact Information: - E-Mail Address | morsp@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 123 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Morris, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74445 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 521 W Young |
| 1.3.9 | Contact Information: - Physical Address (City) | Morris |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74445 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2285 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 914 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 244500 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/12/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.26 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Okmulgee |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Okmulgee Co RWD #4 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.2 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 6000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Okmulgee Lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 185 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Okmulgee County Rural Water District #1 |
| 1.2.1 | PWSID Number | 3005605 |
| 1.2.2 | PWSID Number | 3005605 |
| 1.3.1 | Contact Information: - Name | Ken Holloway |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-652-9546 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 205 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Schulter |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74460 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 23225 Hemp Avenue |
| 1.3.9 | Contact Information: - Physical Address (City) | Schulter |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74460 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1809 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1850 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1875 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 754 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 760 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 775 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 110000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 250000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 96 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 3 |
| 3.10.1 | Source of estimated percentages | Meter Books |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Okmulgee |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | none |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | none |

| | | |
|--------|---|---------------------------------|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 53304000 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 75 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 50 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | none |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | none |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | none |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Okmulgee County, Rural Water District #2 |
| 1.2.1 | PWSID Number | 3005604 |
| 1.2.2 | PWSID Number | 3005604 |
| 1.3.1 | Contact Information: - Name | Brandon Maxwell |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-756-8910 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 39 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Preston |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74456 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 10035 Polk Ave |
| 1.3.9 | Contact Information: - Physical Address (City) | Preston |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74456 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3040 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3240 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3640 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4040 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 760 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 810 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 910 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1010 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1250 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Morris |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Beggs |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Okmulgee |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Beggs |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |

| Question # | Question | Answer |
|------------|---|-------------------------|
| 1.1.1 | Provider Name | KUSA Water Dist #3 |
| 1.2.1 | PWSID Number | 3005603 |
| 1.2.2 | PWSID Number | 3005603 |
| 1.3.1 | Contact Information: - Name | Bobby Green |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 652.557 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 236 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Henryetta |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 94437 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | none |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 230 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 78 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 10000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Okmulgee County Rural Water District #4 |
| 1.2.1 | PWSID Number | 3005602 |
| 1.2.2 | PWSID Number | 3005602 |
| 1.3.1 | Contact Information: - Name | Jesse Burwell, Jr. |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 918-733-2441 |
| 1.3.4 | Contact Information: - E-Mail Address | RWD4@onalot.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 125 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Morris |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74445 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 20270 Hwy 52 |
| 1.3.9 | Contact Information: - Physical Address (City) | Morris |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74445 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2040 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 741 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 149644 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Okmulgee |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Dewar |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 54619700 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 100 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Okfuskee Co. RWD # 2 |
| 1.2.1 | PWSID Number | 3005402 |
| 1.2.2 | PWSID Number | 3005402 |
| 1.3.1 | Contact Information: - Name | Ed Dennis |
| 1.3.2 | Contact Information: - Title | System Manager/Operator |
| 1.3.3 | Contact Information: - Phone Number | 918-623-2487 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. Box 267 |
| 1.3.6 | Contact Information: - Mailing Address (City) | okemah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74859 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1512 w. Columbia |
| 1.3.9 | Contact Information: - Physical Address (City) | okemah |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74859 |
| 1.3.11 | Contact Information: - County | Okfuskee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21.82 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2420 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2662 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2928 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3221 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 934 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1027 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1130 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1243 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1367 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.396 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.4356 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.4791 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.527 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.5797 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.424 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 129.255 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 96 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 2 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Seminole Co. Rwd # 3 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Hughes Co. RWD # 1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2.367 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.843 |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |

| | | |
|--------|--|---------------------------------|
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Okemah Utility Authority |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 129.255 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Okemah Utility Authority |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 250 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6.75 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Okfuskee County Rural Water District #3 |
| 1.2.1 | PWSID Number | 3005401 |
| 1.2.2 | PWSID Number | 3005401 |
| 1.3.1 | Contact Information: - Name | Randy L. Clark |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | (918)623-6407 |
| 1.3.4 | Contact Information: - E-Mail Address | randyclark@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 650 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Okemah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74859 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2724 E. Columbia |
| 1.3.9 | Contact Information: - Physical Address (City) | Okemah |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74859 |
| 1.3.11 | Contact Information: - County | Okfuskee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1810 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 724 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.124827 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 200,000 gallons |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Taps x 2.5=population |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Okemah Utility Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 51.278 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 140 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 98 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Re-work tower Replace 9 waterline I-40 road bore |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD #7 Nowata Co |
| 1.2.1 | PWSID Number | 3005321 |
| 1.2.2 | PWSID Number | 3005321 |
| 1.3.1 | Contact Information: - Name | RWD #7 Nowata Co |
| 1.3.2 | Contact Information: - Title | Elva Oestmann Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 918.255.6825 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 159 |
| 1.3.6 | Contact Information: - Mailing Address (City) | So Coffeyville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74072 |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 49 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1480 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 450 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 464 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.066098 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 96 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.10.1 | Source of estimated percentages | Water usage list |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Coffeyville, KS |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 49.396 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 236 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| Comments | | bought water |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Nowata Rural Water #5 |
| 1.2.1 | PWSID Number | 3005307 |
| 1.2.2 | PWSID Number | 3005307 |
| 1.3.1 | Contact Information: - Name | James H. Pierson |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.273.1136 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 677 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Nowata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74048 |
| 1.3.9 | Contact Information: - Physical Address (City) | Nowata 5 mi Hwy 60 1/4 mi No. |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 99 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 102 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 33 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 37 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4408 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1584000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Serve only residential |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Nowata Public |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1584000 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of South Coffeyville |
| 1.2.1 | PWSID Number | 3005305 |
| 1.2.2 | PWSID Number | 3005305 |
| 1.3.1 | Contact Information: - Name | Frederick Robin Lamb |
| 1.3.2 | Contact Information: - Title | Maintenance Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-255-6060 |
| 1.3.4 | Contact Information: - E-Mail Address | rlamb@scm.kscoxmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 100 |
| 1.3.6 | Contact Information: - Mailing Address (City) | South Coffeyville, Oklahoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74072 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 207 West Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | South Coffeyville, Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74072 |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 440 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 460 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | N/A |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.10.1 | Source of estimated percentages | N/A |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Coffeyville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | Nowata RWD # 1 |
| 1.2.1 | PWSID Number | 3005304 |
| 1.2.2 | PWSID Number | 3005304 |
| 1.3.1 | Contact Information: - Name | David Anderson |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-535-2302 |
| 1.3.4 | Contact Information: - E-Mail Address | umcco@totelcsi.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 420 |
| 1.3.6 | Contact Information: - Mailing Address (City) | ochelata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74051 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 396301 w. rd 3000 |
| 1.3.9 | Contact Information: - Physical Address (City) | ochelata |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74051 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 24.5 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 228 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 235 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Dewey |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 17.274 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 59 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Nowata County Rural Water District #2 |
| 1.2.1 | PWSID Number | OK3005303 |
| 1.2.2 | PWSID Number | 3005303 |
| 1.3.1 | Contact Information: - Name | Kathy Gagan |
| 1.3.2 | Contact Information: - Title | Secretary / Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-273-2810 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 2, Box 28 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Nowata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74048 |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 350 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 375 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 80 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 30000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 40000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/29/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 50000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 30 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 70 |
| 3.10.1 | Source of estimated percentages | Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Nowata |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 12000000 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | NA |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |

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| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 2 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 98 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | NA |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Nowata County Rural Water District #3 |
| 1.2.1 | PWSID Number | OK3005302 |
| 1.2.2 | PWSID Number | 3005302 |
| 1.3.1 | Contact Information: - Name | Joe Dettle |
| 1.3.2 | Contact Information: - Title | Chairman of the Board |
| 1.3.3 | Contact Information: - Phone Number | 918-273-9937 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 564 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Nowata, Ok. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 874048 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Road 413,north of Rd. 20 intersection and 413 |
| 1.3.9 | Contact Information: - Physical Address (City) | Delaware, Ok. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74027 |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 275 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 285 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 310 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 315 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 320 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 93 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 93 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 95 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 100 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 115 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 14707 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 17000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 20000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 25000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 30000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 25000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 5368000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Nowata, Oklahoma |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 5368000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Verdigris River |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20.2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |

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| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Smaller lines do not give as good pressure as larger line. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CRWD # 1 |
| 1.2.1 | PWSID Number | 3005301 |
| 1.2.2 | PWSID Number | 3005301 |
| 1.3.1 | Contact Information: - Name | Suawn Moreland |
| 1.3.2 | Contact Information: - Title | office manager |
| 1.3.3 | Contact Information: - Phone Number | 918-475-2383 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | HC-62 Box 134-u |
| 1.3.6 | Contact Information: - Mailing Address (City) | nowata |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74048 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Phillips |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 40 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1645 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 590 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 610 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 630 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 650 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.15 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.18 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | deq |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Chylsea Economic Development Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 61.8 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 201 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 82 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 13 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | System was poorly installed. System is old & failing leading to a large amounts of leaks. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New supply line to our Winganon area. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Morrison Public Works Authority |
| 1.2.1 | PWSID Number | 3005205 |
| 1.2.2 | PWSID Number | 3005205 |
| 1.3.1 | Contact Information: - Name | Erich Wehrenberg |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580-724-3531 |
| 1.3.4 | Contact Information: - E-Mail Address | erich.wchrenberg@okstate.edu |
| 1.3.8 | Contact Information: - Physical Address (Street) | 308 Woolsey |
| 1.3.9 | Contact Information: - Physical Address (City) | Morrison |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73061 |
| 1.3.11 | Contact Information: - County | Noble |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 320 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.073 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 40 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 30 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Self estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Noble RWD 2 |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | Kaw |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.4.8 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 27 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |

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|--------|--|---|
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 1 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 40 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 65 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Given the age of the system, it performs adequately. We currently have a desire to replace all lines with any available funding sources. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | When funding is available. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Demands on infrastructure improvements and expansion need careful consideration in conjunction with source information. All the water in the world doesn't benefit anyone if it can't be delivered. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Terry Lyon |
| 1.2.1 | PWSID Number | 3005203 |
| 1.2.2 | PWSID Number | 3005203 |
| 1.3.1 | Contact Information: - Name | Terry Lyon |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-336-7744 |
| 1.3.4 | Contact Information: - E-Mail Address | noblerwd2@vroomwireless.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 223 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Morrison |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73061 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 17250 John Wayne |
| 1.3.9 | Contact Information: - Physical Address (City) | Perry |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73077 |
| 1.3.11 | Contact Information: - County | Noble |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 575 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 650 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.125 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.14 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Morrison |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Perry |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 36 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 12 |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | to meet the demand in 20 years, Must Build more Dam's and Water sheds |

| Question # | Question | Answer |
|------------|--|--------------------------------|
| 1.1.1 | Provider Name | RWD #4 Noble County |
| 1.2.1 | PWSID Number | 3005201 |
| 1.2.2 | PWSID Number | 3005201 |
| 1.3.1 | Contact Information: - Name | Mac A. Robinson |
| 1.3.2 | Contact Information: - Title | Secretary - Operator |
| 1.3.3 | Contact Information: - Phone Number | 580.268.3468 |
| 1.3.4 | Contact Information: - E-Mail Address | No computer |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 18400 Badlands |
| 1.3.6 | Contact Information: - Mailing Address (City) | Marland |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74644 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 18400 Badlands |
| 1.3.9 | Contact Information: - Physical Address (City) | Marland |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74644 |
| 1.3.11 | Contact Information: - County | Noble |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12.9 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 252 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 101 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 15754 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 17324 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Marland PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 6.6 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 53 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 16.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | RWD # 14 Musk. CO. OK |
| 1.2.1 | PWSID Number | 3005134 |
| 1.2.2 | PWSID Number | 3005134 |
| 1.3.1 | Contact Information: - Name | Odie Smith |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918-472-7436 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Po Box 232 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Boyton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74422 |
| 1.3.11 | Contact Information: - County | Muskogee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 4 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 30 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 35 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 30 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 35 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2769 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 3461 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1033200 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | History |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Boynton PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1300200 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 7.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | Small district, all water purchased. very simple |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Muskogee Rural Water #10 |
| 1.2.1 | PWSID Number | OK3005128 |
| 1.2.2 | PWSID Number | 3005128 |
| 1.3.1 | Contact Information: - Name | Sondra Pippin |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.682.2030 |
| 1.3.4 | Contact Information: - E-Mail Address | sjpippin2@peoplepc.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 14201 Hwy 16 W |
| 1.3.6 | Contact Information: - Mailing Address (City) | Haskell |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74436 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 14201 Hwy 16 W |
| 1.3.9 | Contact Information: - Physical Address (City) | Haskell |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74436 |
| 1.3.11 | Contact Information: - County | Muskogee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 274 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 284 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 294 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 304 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 137 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 142 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 147 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 152 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.22 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.27 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.3 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/29/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 52 hcf |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8.03 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Actual |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Muskogee City |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Haskell PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2.64 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Ft. Gibson Lake |

| | | |
|--------|--|---|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 65 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5.75 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Lines are only 4" lines. They are almost maxed out. |

| Question # | Question | Answer |
|-------------------|-----------------|-----------------------|
| 1.1.1 | Provider Name | Town of Taft OKLAHOMA |
| 1.2.1 | PWSID Number | OK3005118 |
| 1.2.2 | PWSID Number | 3005118 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Muskogee Rural Water Dist #8 |
| 1.2.1 | PWSID Number | OK3005117 |
| 1.2.2 | PWSID Number | 3005117 |
| 1.3.1 | Contact Information: - Name | John D gilliam |
| 1.3.2 | Contact Information: - Title | Sec Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918.687.4919 |
| 1.3.4 | Contact Information: - E-Mail Address | okejp@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 822 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Muskogee, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74401 |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 225 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 275 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 80 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 90 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 110 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 120 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 13206 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 14856 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 16506 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 18156 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 19806 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | Customer review |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | None |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Muskogee |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4754280 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |

| | | |
|--------|--|---------------------------------|
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | MUSKOGEE COUNTY RURAL WATER DISTRICT #6 |
| 1.2.1 | PWSID Number | 3005105 |
| 1.2.2 | PWSID Number | 3005105 |
| 1.3.1 | Contact Information: - Name | STACY N. BARNARD |
| 1.3.2 | Contact Information: - Title | BOOKKEEPER |
| 1.3.3 | Contact Information: - Phone Number | 918-474-3545 |
| 1.3.4 | Contact Information: - E-Mail Address | mrwd6@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 135 |
| 1.3.6 | Contact Information: - Mailing Address (City) | WAINWRIGHT, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74468 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 3RD & MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | WAINWRIGHT, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74468 |
| 1.3.11 | Contact Information: - County | MUSKOGEE |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 763 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 763 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 200000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 73000000 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF MUSKOGEE |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 300 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | our water lines are old and water pressure will go up an down |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | we are planning to replace one of our 8" lines and put in a booster pump to up the pressure in one area that will benefit our members |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Muskogee Co RWD #4 |
| 1.2.1 | PWSID Number | OK3005104 |
| 1.2.2 | PWSID Number | 3005104 |
| 1.3.1 | Contact Information: - Name | Dick Shessield |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.478.4855 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 758 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ft Gibson, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74434 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ft Gibson |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | Muskogee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 6.59 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 855 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 900 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 285 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 315 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 335 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 63000 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 126000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Ft Gibson |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 30 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Ft Gibson city from Ft Gibson Lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |

| | | |
|--------|---|--|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.75 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1.5 8" upgrade from 2 y" paralreil lines |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | WEST DAVIS RURAL WATER CORPORATION |
| 1.2.1 | PWSID Number | 3005004 |
| 1.2.2 | PWSID Number | 3005004 |
| 1.3.1 | Contact Information: - Name | Naomi Downey |
| 1.3.2 | Contact Information: - Title | Accountant |
| 1.3.3 | Contact Information: - Phone Number | 580-856-3794 |
| 1.3.4 | Contact Information: - E-Mail Address | downeybk@gci-wireless.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 104 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ratliff City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73481 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 25207 St Hwy 76 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ratliff City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73481 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 31.22 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 894 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 447 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 450 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 6594 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 270 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 386600 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 71 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 |
| 3.10.1 | Source of estimated percentages | monthly reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Davis |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Western Carter Co Water & Sewage Corporation |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 50972500 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 252700 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 32217 |

| | | |
|--------|---|---|
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 386600 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 200 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | replacing water lines, installing booster pumps, remote pump project, and possible water well sites |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Buckhorn Rural water District |
| 1.2.1 | PWSID Number | ok3005002 |
| 1.2.2 | PWSID Number | 3005002 |
| 1.3.1 | Contact Information: - Name | shane hale |
| 1.3.2 | Contact Information: - Title | field Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-622-2093 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 155 |
| 1.3.6 | Contact Information: - Mailing Address (City) | sulphur |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73086 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2198 us highway 177 |
| 1.3.9 | Contact Information: - Physical Address (City) | sulphur |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73086 |
| 1.3.11 | Contact Information: - County | murray |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 900 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 447 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 31.367 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water Dist # 1 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 31.367 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | McIntosh County RWD #5 |
| 1.2.1 | PWSID Number | OK3004939 |
| 1.2.2 | PWSID Number | 3004939 |
| 1.3.1 | Contact Information: - Name | James M. Duvall (Mike) |
| 1.3.2 | Contact Information: - Title | Manager/Maintenance |
| 1.3.3 | Contact Information: - Phone Number | 918-473-7479 |
| 1.3.4 | Contact Information: - E-Mail Address | sgrdw@windstream.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 93 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Checotah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74426 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 815 W. Gentry |
| 1.3.9 | Contact Information: - Physical Address (City) | Checotah |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74426 |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 32 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 635 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 660 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 710 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 740 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 800 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 180000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 200000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 220000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 250000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 300000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 210000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/13/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Checotah Public Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |

| | | |
|--------|--|---|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 60000000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 430 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Don't send any of it to Texas! |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Don't hsip water out of state! |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | McIntosh RWD #9 |
| 1.2.1 | PWSID Number | OK3004907 |
| 1.2.2 | PWSID Number | 3004907 |
| 1.3.1 | Contact Information: - Name | Shawn Smith |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.689.0521 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | HC 60 Box 1085 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Checotah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74426 |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14.76 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 464 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 470 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 475 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 479 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 139 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 140 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 146 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 149 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Billing and usage |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Happyhollow MHP OK3004937 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 313200 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Checotah PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 22.85351 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 42 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 13 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 82 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | Good samples, water loss average almost always maintain below 15%. Great Board of Directors, people who care about our water district. |

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| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
|--------|--|----|

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | McIntosh County RWD #3 |
| 1.2.1 | PWSID Number | OK3004903 |
| 1.2.2 | PWSID Number | 3004903 |
| 1.3.1 | Contact Information: - Name | Doyle Mitchell |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.473.5394 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | RT 4 Box 1815 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Checotah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74426 |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1535 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 384 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 89000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 120000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/1964 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 8 |
| 3.10.1 | Source of estimated percentages | Water sale Previousla |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Checotah |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 32.5 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eufaula |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 315 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 18 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 67 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

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|-------|--|---------------------------------|
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Rural Water District No. 9 McCurtain County |
| 1.2.1 | PWSID Number | OK3004820 |
| 1.2.2 | PWSID Number | 3004820 |
| 1.3.1 | Contact Information: - Name | Vanessa Bryant |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | (580)933-7483 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd9@valliant.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | HC 68 BOX 143 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Valliant |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74764 |
| 1.3.8 | Contact Information: - Physical Address (Street) | HC 68 BOX 143 |
| 1.3.9 | Contact Information: - Physical Address (City) | Valliant |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74764 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|---|---------------------|
| 1.1.1 | Provider Name | Town of Valliant |
| 1.2.1 | PWSID Number | OK3004812 |
| 1.2.2 | PWSID Number | 3004812 |
| 1.3.1 | Contact Information: - Name | Cassandra Burell |
| 1.3.2 | Contact Information: - Title | Secretary |
| 1.3.3 | Contact Information: - Phone Number | 580-933-4556 |
| 1.3.4 | Contact Information: - E-Mail Address | cityof@valliant.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 111 n. dalton |
| 1.3.6 | Contact Information: - Mailing Address (City) | p.o. box 714 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74764 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 n. dalton |
| 1.3.9 | Contact Information: - Physical Address (City) | Valliant |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74764 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | wright City PWA |
| 1.2.1 | PWSID Number | ok3004811 |
| 1.2.2 | PWSID Number | 3004811 |
| 1.3.1 | Contact Information: - Name | georgia boles |
| 1.3.2 | Contact Information: - Title | PWA Secretary |
| 1.3.3 | Contact Information: - Phone Number | 580-981-2100 |
| 1.3.4 | Contact Information: - E-Mail Address | townwcok@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 370 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wright City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74766 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 205 W 10th St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Wright City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74766 |
| 1.3.11 | Contact Information: - County | Mccurtain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 950 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 950 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 950 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 950 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 950 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 325 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 325 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 325 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 325 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 325 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1095 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.1095 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.1095 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.1095 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.1095 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/29/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.15 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 40 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Broken Bow PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 40 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |

| | | |
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| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Water lines old and some need to be replaced. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Haworth Public Works Authority |
| 1.2.1 | PWSID Number | OK3004810 |
| 1.2.2 | PWSID Number | 3004810 |
| 1.3.1 | Contact Information: - Name | Jack Brown |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580-245-2369 |
| 1.3.4 | Contact Information: - E-Mail Address | jack5734@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 196 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Haworth |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74740 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 North Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Haworth |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74740 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 370 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 380 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 410 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 148 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 152 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 160 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 170 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 18000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 18500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 19000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 22000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 24500 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 29370 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8386600 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/1998 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | self-provided |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None- we are total retention lagoons |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |

| | | |
|--------|--|--|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 98 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 2 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Our water resources need to be protected. We do not need to sell them to out of state customers. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Garvin PWA |
| 1.2.1 | PWSID Number | 3004809 |
| 1.2.2 | PWSID Number | 3004809 |
| 1.3.1 | Contact Information: - Name | Byron Foster |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 5806126252 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 148 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Garvin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74736 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 N. Hawkins |
| 1.3.9 | Contact Information: - Physical Address (City) | Garvin |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74736 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Public Works Authority |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 235 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 236 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 237 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 238 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 240 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 94 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 95 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 96 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 97 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 98 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 140 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 50459 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 4 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Broken Bow Public Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 50459 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |

| | | |
|--------|---|---------------------------------|
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | McCurtain Co RWD #1 |
| 1.2.1 | PWSID Number | 3004806 |
| 1.2.2 | PWSID Number | 3004806 |
| 1.3.1 | Contact Information: - Name | Danny Roberts |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.245.1403 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 70 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Haworth, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74740 |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3750 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 500000 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 600000 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 91 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 9 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City Haworth |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 14000000 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Broken Bow Public Works Auth |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 165000000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Broken Bow Public Works Auth |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 600 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 100 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Upgrading small water lines with larger water lines |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | \$15.50 min \$4.75 per/1000 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | McCurtain Co. RWD #5 |
| 1.2.1 | PWSID Number | 3004804 |
| 1.2.2 | PWSID Number | 3004804 |
| 1.3.1 | Contact Information: - Name | Rod Pratt |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.494.6283 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt 4 Box 60-3 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Broken Bow |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74728 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Rt 4 Box 60-3 |
| 1.3.9 | Contact Information: - Physical Address (City) | Broken Bow |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74728 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 9.8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1231 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1780 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2620 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3460 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 520 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 622 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 972 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1322 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2372 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.063 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.076 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.119 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.162 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.291 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 109000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 52000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 67 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.10.1 | Source of estimated percentages | usage records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Broken Bow PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 52000000 |

| | | |
|--------|--|--|
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Broken Bow Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 900720 AF |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 56 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 9 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Funding not in place. Additional 100000 gal. Storage tank. Upgrade water service lines: 3.6 mi. (19000 L.F.) 8" PVC 1.6 mi. (3170 L.F.) 6" PVC |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | McCurtain County Rural Water District #7 |
| 1.2.1 | PWSID Number | 3004801 |
| 1.2.2 | PWSID Number | 3004801 |
| 1.3.1 | Contact Information: - Name | Holly Coffman |
| 1.3.2 | Contact Information: - Title | system manager |
| 1.3.3 | Contact Information: - Phone Number | 580-286-7483 |
| 1.3.4 | Contact Information: - E-Mail Address | waterdistrict7@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 215 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Garvin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74736 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 E. Williams Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Garvin |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74736 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1825 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1850 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1875 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1925 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 730 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 735 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 740 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 745 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 750 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 25 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Idabel Public Water Works |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Broken Bow Gravity Flow |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.3 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Some of each | Some of each |
| 4.4.6 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Some of each | Some of each |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 674974 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 209940 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 135 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 30 |

| | | |
|--------|--|---------------------------------|
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Blanchard |
| 1.2.1 | PWSID Number | OK3004710 |
| 1.2.2 | PWSID Number | 3004710 |
| 1.3.1 | Contact Information: - Name | Susie Maeder |
| 1.3.2 | Contact Information: - Title | City Clerk |
| 1.3.3 | Contact Information: - Phone Number | 405-485-9392 |
| 1.3.4 | Contact Information: - E-Mail Address | CityClerk@cityofblanchard.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | po box 480 |
| 1.3.6 | Contact Information: - Mailing Address (City) | blanchard |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73010 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 122 n. main |
| 1.3.9 | Contact Information: - Physical Address (City) | blanchard |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73010 |
| 1.3.11 | Contact Information: - County | mcclain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1945 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2295 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2754 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3580 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4654 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3612 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3720.36 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4055.19 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4541.19 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5222.19 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.17 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.214 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.28 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.32 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.48 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 424368240 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 72 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 14 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 14 |
| 3.10.1 | Source of estimated percentages | current billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma city |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 172926 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | more acreage |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 178192 |

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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 27545 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of dibble |
| 1.2.1 | PWSID Number | OK3004709 |
| 1.2.2 | PWSID Number | 3004709 |
| 1.3.1 | Contact Information: - Name | rama christian |
| 1.3.2 | Contact Information: - Title | clerk |
| 1.3.3 | Contact Information: - Phone Number | 405-344-6659 |
| 1.3.4 | Contact Information: - E-Mail Address | towndibble@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 57 |
| 1.3.6 | Contact Information: - Mailing Address (City) | dibble |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73031 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 12203 Firemans rddibble |
| 1.3.9 | Contact Information: - Physical Address (City) | dibble |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73031 |
| 1.3.11 | Contact Information: - County | mcclain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 320 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 340 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 80 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 85 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 112 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.012 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.0128 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.015 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.0183 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 13000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0.144 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | dibble |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | city of blanchard |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | tower |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District # 4 Mayes |
| 1.2.1 | PWSID Number | OK3004617 |
| 1.2.2 | PWSID Number | 3004617 |
| 1.3.1 | Contact Information: - Name | Laura Whalen |
| 1.3.2 | Contact Information: - Title | office manager |
| 1.3.3 | Contact Information: - Phone Number | 918-825-4661 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd#4mayes@upperspace.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 716 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pryor |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74362 |
| 1.3.9 | Contact Information: - Physical Address (City) | Pryor |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74361 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10.47 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4130 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4160 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4190 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4220 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1492 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1550 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1700 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1800 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 84 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 13 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | Documents/books |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Dist. 7 Rogers |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Dist. 5 Mayes |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 20.9 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 14.95 |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | DOWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 299 |

| | | |
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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Main trunk line throughout district. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District No. 5 Mayes County |
| 1.2.1 | PWSID Number | OK3004616 |
| 1.2.2 | PWSID Number | 3004616 |
| 1.3.1 | Contact Information: - Name | Carol Maddoux |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-785-2330 |
| 1.3.4 | Contact Information: - E-Mail Address | cmaddoux@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 565 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Adair |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74330 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5607 HWY 28 W |
| 1.3.9 | Contact Information: - Physical Address (City) | Adair |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74330 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 27 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1395 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1900 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 300000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 360000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 408000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 456000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 600000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/24/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 316800 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/26/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 66 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 6 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 27 |
| 3.10.1 | Source of estimated percentages | billing and water loss reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water District No 4 Mayes County |

| | | |
|--------|--|---------------------------------|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 56789900 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 200 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 100 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 19 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Chouteau Public Works Authority |
| 1.2.1 | PWSID Number | OK3004615 |
| 1.2.2 | PWSID Number | 3004615 |
| 1.3.1 | Contact Information: - Name | Juanita L Rabbit |
| 1.3.2 | Contact Information: - Title | CPWA Secretary |
| 1.3.3 | Contact Information: - Phone Number | 918 476 8925 |
| 1.3.4 | Contact Information: - E-Mail Address | rabbit91@fairpoint.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 1089 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Chouteau |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74337 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 S. Lewis |
| 1.3.9 | Contact Information: - Physical Address (City) | Chouteau |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74337 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Municipal Utility Board/City of Pryor |
| 1.2.1 | PWSID Number | 3004611 |
| 1.2.2 | PWSID Number | 3004611 |
| 1.3.1 | Contact Information: - Name | Gary Pruet |
| 1.3.2 | Contact Information: - Title | General Manager |
| 1.3.3 | Contact Information: - Phone Number | (918) 825-2100 |
| 1.3.4 | Contact Information: - E-Mail Address | pruettg@pryorok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 249 |
| 1.3.6 | Contact Information: - Mailing Address (City) | PRYOR |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74362 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 6 North Adair |
| 1.3.9 | Contact Information: - Physical Address (City) | Pryor |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74361 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.9 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 8700 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8900 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 9200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 9800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 4403 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4460 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4535 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4600 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4675 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.32 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.35 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.38 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.45 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 4.89 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 65 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 17 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 4 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 13 |
| 3.10.1 | Source of estimated percentages | Billing Reports |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 69 water district |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rural water district #1 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Laurann water district |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Phyl-Mar water district |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |

| | | |
|---------|---|---|
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 8.9 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2.5 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.05 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.9 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma Ordnance Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4.89 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Grand River |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Grand River |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 35 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 65 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | na |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | NA |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Water distribution system info, questions 22 to 25 ;the MUB is in the procoess of inventoring the system at this time and should had the information for next survey. |

| Question # | Question | Answer |
|------------|---|---------------------------|
| 1.1.1 | Provider Name | highway 69 water district |
| 1.2.1 | PWSID Number | 3004610 |
| 1.2.2 | PWSID Number | 3004610 |
| 1.3.1 | Contact Information: - Name | bryan or tom greer |
| 1.3.3 | Contact Information: - Phone Number | 918825 1710 |
| 1.3.4 | Contact Information: - E-Mail Address | no |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 98 |
| 1.3.6 | Contact Information: - Mailing Address (City) | pryor |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74362 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2875 hwy 69 N. |
| 1.3.9 | Contact Information: - Physical Address (City) | pryor |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74361 |
| 1.3.11 | Contact Information: - County | mayer |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 30 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 35 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 65 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |

| Question # | Question | Answer |
|------------|--|---------------------------------|
| 1.1.1 | Provider Name | Oakland Public Works |
| 1.2.1 | PWSID Number | 3004513 |
| 1.2.2 | PWSID Number | 3004513 |
| 1.3.1 | Contact Information: - Name | Katie S. Nabors |
| 1.3.2 | Contact Information: - Title | Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580-795-3467 |
| 1.3.4 | Contact Information: - E-Mail Address | townofOakland@sbcglobaql.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 541 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 S. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Oakland |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73446 |
| 1.3.11 | Contact Information: - County | Marshall |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 567 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 625 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 635 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 340 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 420 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 450 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.06 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.07 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.073 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.079 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.08 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 22.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Madill Public Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 22.2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.05 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---------------------------------|
| 1.1.1 | Provider Name | MULHALL PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | OK3004203 |
| 1.2.2 | PWSID Number | 3004203 |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | LOGAN COUNTY RWD #3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|--|--------------------------------|
| 1.1.1 | Provider Name | orlando pwa |
| 1.2.1 | PWSID Number | 3004202 |
| 1.2.2 | PWSID Number | 3004202 |
| 1.3.1 | Contact Information: - Name | brooke hermann |
| 1.3.2 | Contact Information: - Title | clerk/treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580-455-2403 |
| 1.3.4 | Contact Information: - E-Mail Address | orlnd@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 500 4th st o.o. box 27 |
| 1.3.6 | Contact Information: - Mailing Address (City) | orlando |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73073 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 500 4th st. |
| 1.3.9 | Contact Information: - Physical Address (City) | orlando |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73073 |
| 1.3.11 | Contact Information: - County | logan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | none |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 230 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 260 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 280 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 95 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 110 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 125 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 134 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.032 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.037 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.042 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.045 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 53,000 8 hours |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/10/2001 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.10.1 | Source of estimated percentages | billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | none |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Icwrdr # 3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 5.198 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1.893939394 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1.136363636 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |

| | | |
|--------|---|---------------------------------|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Kendrick Municipal Authority |
| 1.2.1 | PWSID Number | 3004109 |
| 1.2.2 | PWSID Number | 3004109 |
| 1.3.1 | Contact Information: - Name | Alicia Wagnon |
| 1.3.2 | Contact Information: - Title | Secretary-Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-368-2219 |
| 1.3.4 | Contact Information: - E-Mail Address | townofkendrick@brightok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 223 East Main Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Kendrick |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74079 |
| 1.3.8 | Contact Information: - Physical Address (Street) | SAME |
| 1.3.11 | Contact Information: - County | Lincoln |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Service to Municipal and rural areas |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 42.49 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 345 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 115 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 20000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 27000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8924000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 58 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 42 |
| 3.10.1 | Source of estimated percentages | Billing program reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Stroud |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 8.924 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 19 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | For a newer system, we have had a lot of maintenance problems, such as main line breaks and leaks. We have taken care of most problems, but are still looking for possible leaks. Our monthly loss is down to 20% from 42.5 in 2007. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| | | |
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| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | It would be nice to have a website to go to that would list companies and their reputations as far as engineering and construction for water plans. One phase of our water system that we had done was very successful with minimal maintenance. The next phase has been very troublesome. We know that we will no longer use the same engineer and construction company, but it would have been nice to know before we got in the mess we're in. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Meeker PWA |
| 1.2.1 | PWSID Number | 3004108 |
| 1.2.2 | PWSID Number | 3004108 |
| 1.3.1 | Contact Information: - Name | Daniel J. Clay |
| 1.3.2 | Contact Information: - Title | Public Works Supt. |
| 1.3.3 | Contact Information: - Phone Number | 405-279-3321 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 428 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 510 W. Carl Hubbell Blvd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Meeker |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74855 |
| 1.3.11 | Contact Information: - County | Lincoln |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 33 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1020 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1060 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1150 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1234 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 439 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 456 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 495 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 531 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0667 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.0693 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.0752 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.0807 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.067 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 24.4 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | currently billed customers |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 88 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.10.1 | Source of estimated percentages | Water bills |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Shawnee |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 36.4 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |

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| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 44 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 56 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Upgrading older and smaller distribution lines for demand and possible expansion |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of Davenport |
| 1.2.1 | PWSID Number | ok3004104 |
| 1.2.2 | PWSID Number | 3004104 |
| 1.3.1 | Contact Information: - Name | marion jw lles |
| 1.3.2 | Contact Information: - Title | treasurer/utility clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-377-2235 |
| 1.3.4 | Contact Information: - E-Mail Address | marion@davenportok.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 279 |
| 1.3.6 | Contact Information: - Mailing Address (City) | davenport |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74026 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 214 broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | davenport |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74026 |
| 1.3.11 | Contact Information: - County | lincoln |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 881 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1040 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1110 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 412 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 470 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 488 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 521 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.063 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.072 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.075 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.08 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/7/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.99 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Chandler municipal |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.3 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Some of each | Some of each |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 22956000 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Chandler Lake |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9.3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9.5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| | | |
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| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Leflore RWD # 15 |
| 1.2.1 | PWSID Number | 3004046 |
| 1.2.2 | PWSID Number | 3004046 |
| 1.3.1 | Contact Information: - Name | Jack Soden |
| 1.3.2 | Contact Information: - Title | Mngr/Orec |
| 1.3.3 | Contact Information: - Phone Number | 918-653-2826 |
| 1.3.4 | Contact Information: - E-Mail Address | soden-jack@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 55380 Page Cemetery Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Heavener |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74937 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 55380 Page Cemetery Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Heavener |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74937 |
| 1.3.11 | Contact Information: - County | Leflore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 347 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 360 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 375 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 450 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 135 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 165 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 175 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1254 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.15 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.16 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.175 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.2 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.165 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | District Historical Data/spread sheet |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 40 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 60 |
| 3.10.1 | Source of estimated percentages | JHCC & Historical Data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Jim Hamilton Correctional |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 27.083 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | PVIA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
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| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 45.138 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Wister |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Wister |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 65 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 7 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Panama Public Works Auth |
| 1.2.1 | PWSID Number | 3004016 |
| 1.2.2 | PWSID Number | 3004016 |
| 1.3.1 | Contact Information: - Name | Eldors Weaver |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918.963.4116 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 760 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Panama |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74951 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 N Kentucky |
| 1.3.9 | Contact Information: - Physical Address (City) | Panama |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74951 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1385 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1460 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1570 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1670 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 600 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 628 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 675 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 718 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Poteau Valley Improvement Auth |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Poteau |
| 1.2.1 | PWSID Number | 3004015 |
| 1.2.2 | PWSID Number | 3004015 |
| 1.3.1 | Contact Information: - Name | Jeff Shockley |
| 1.3.2 | Contact Information: - Title | Mayor / Chairman PPWA |
| 1.3.3 | Contact Information: - Phone Number | 918-647-4191 |
| 1.3.4 | Contact Information: - E-Mail Address | mayor@poteau-ok.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 111 Peters St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Poteau, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74953 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 Peters St |
| 1.3.9 | Contact Information: - Physical Address (City) | Poteau, Ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74953 |
| 1.3.11 | Contact Information: - County | Leflore |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 7939 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 49 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 19 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 4 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 7 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 18 |
| 3.10.1 | Source of estimated percentages | Meter reading report |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Leflore Co Rural Water Dist # 1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Poteau Valley Improvement Auth |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 395 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Poteau Valley Improvement Auth. Lake Wister |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | wister |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50 |

| | | |
|--------|--|-----------------------------------|
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 150 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | DOWN TOWN REPLACEMENT 10", 8", 6" |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Wister Public Works Authority |
| 1.2.1 | PWSID Number | 3004014 |
| 1.2.2 | PWSID Number | 3004014 |
| 1.3.1 | Contact Information: - Name | Linston Chronister |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918 655-7421 |
| 1.3.4 | Contact Information: - E-Mail Address | wisterpwa@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 101 caston |
| 1.3.6 | Contact Information: - Mailing Address (City) | po box 370 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74966 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 caston |
| 1.3.9 | Contact Information: - Physical Address (City) | wister, ok. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74966 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1002 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 623 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 635 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 645 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 655 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 685 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | POTEAU VALLEY IMPROVEMENT AUTHORITY |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Town of Arkoma |
| 1.2.1 | PWSID Number | 3004013 |
| 1.2.2 | PWSID Number | 3004013 |
| 1.3.1 | Contact Information: - Name | Sarah Killion |
| 1.3.2 | Contact Information: - Title | Water Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-875-3228 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 277 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Arkoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74901 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1103 Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Arkoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74901 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | City of Fort Smith AR |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 52.25 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2180 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 779 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 116951 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Fort Smith |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 52862656 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1.6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 94 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Cameron Public Works Auth |
| 1.2.1 | PWSID Number | OK3004011 |
| 1.2.2 | PWSID Number | 3004011 |
| 1.3.1 | Contact Information: - Name | Oran Ross |
| 1.3.3 | Contact Information: - Phone Number | 918.654.3591 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 26469 Ross Rd |
| 1.3.6 | Contact Information: - Mailing Address (City) | Cameron |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74992-2454 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 26469 Ross Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Cameron |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74992-2454 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 315 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 340 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 360 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 380 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 172 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 187 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 198 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 209 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.33 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.36 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.38 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.4 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 12000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 17 |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Water Distributors Co. Inc. |
| 1.2.1 | PWSID Number | 3004009 |
| 1.2.2 | PWSID Number | 3004009 |
| 1.3.1 | Contact Information: - Name | Larry Robinson |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.677.2360 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 99 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wister |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74966 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 34572 Reichert / Summerfield Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Wister |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74966 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | ?-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4175 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 15000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1620 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1700 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1875 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 20 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | Computer Water Analysis |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | PVIA |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Heavener |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | Red Oak Public Works |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |

| | | |
|--------|--|-------------------|
| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 150 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 18 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 0.75 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 390 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | LeFlore Co RWD #2 |
| 1.2.1 | PWSID Number | 3004007 |
| 1.2.2 | PWSID Number | 3004007 |
| 1.3.1 | Contact Information: - Name | Rhonda Ferguson |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 918.436.7201 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 398 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pocola |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74902 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 107 N Pocola Blvd |
| 1.3.9 | Contact Information: - Physical Address (City) | Pocola |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74902 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1800 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 355995 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 593700 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.10.1 | Source of estimated percentages | Audit |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | PVIA LeFlore County |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 150319220 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | PVIA |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 100 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 250 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 99 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Installing 6" Lines |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| | | |
|--------|---|---------------------------|
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | SPIRO EAST WATER ASSOCIATION |
| 1.2.1 | PWSID Number | 3004005 |
| 1.2.2 | PWSID Number | 3004005 |
| 1.3.1 | Contact Information: - Name | CARY J. CARTER |
| 1.3.2 | Contact Information: - Title | MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 918-962-3355 |
| 1.3.4 | Contact Information: - E-Mail Address | CJ721@YAHOO.COM |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 19268 AINSWORTH ROAD |
| 1.3.6 | Contact Information: - Mailing Address (City) | SPIRO |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74959 |
| 1.3.8 | Contact Information: - Physical Address (Street) | SAME |
| 1.3.9 | Contact Information: - Physical Address (City) | SAME |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | SAME |
| 1.3.11 | Contact Information: - County | LEFLORE |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3570 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3584 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4004 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4340 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4760 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1275 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1280 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1430 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1550 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.425 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.4262 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.4762 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.5162 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.5561 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.465 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 132000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 56 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 30 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 |
| 3.10.1 | Source of estimated percentages | METER SHEETS AUDIT |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | POTEAU VALLEY IMPROVEMENT AUTHORITY (PVIA) |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 132000000 |

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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 130 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | LeFlore County Rural Water Dist#4 |
| 1.2.1 | PWSID Number | OK3004004 |
| 1.2.2 | PWSID Number | 3004004 |
| 1.3.1 | Contact Information: - Name | Joe Perry |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-962-3800 |
| 1.3.4 | Contact Information: - E-Mail Address | spirorwd4@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 271 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Spiro |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74959 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 19569 233rd Ave |
| 1.3.9 | Contact Information: - Physical Address (City) | Spiro |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74959 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 315 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 315 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 320 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 325 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 340 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 315 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 315 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 320 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 325 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 340 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 18000000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 18004500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 18009000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 18013500 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 18027000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1767000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 93 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Poteau Valley Improvement Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 18000000 |

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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | LeFlore County Rural Water District #1 |
| 1.2.1 | PWSID Number | 3004003 |
| 1.2.2 | PWSID Number | 3004003 |
| 1.3.1 | Contact Information: - Name | Beth Peck |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 918-649-0728 |
| 1.3.4 | Contact Information: - E-Mail Address | bits1@windstream.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 511 |
| 1.3.6 | Contact Information: - Mailing Address (City) | POTEAU, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74953 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 205 S MCKENNA |
| 1.3.9 | Contact Information: - Physical Address (City) | POTEAU, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74953 |
| 1.3.11 | Contact Information: - County | LEFLORE |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17.06 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1720 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1850 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2350 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2850 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 688 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 740 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 940 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1140 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1340 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 156500 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 167500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 198500 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 218500 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 233000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 250000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.10.1 | Source of estimated percentages | HISTORICAL DATA |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | POTEAU VALLEY IMPROVEMENT AUTHORITY |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 60751000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |

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| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | WISTER LAKE |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 350 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Choctaw Housing/Talihina - (OWRB/Tribal) |
| 1.2.1 | PWSID Number | 3003910 |
| 1.2.2 | PWSID Number | 3003910 |
| 1.3.1 | Contact Information: - Name | Trina Thompson |
| 1.3.2 | Contact Information: - Title | Property Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.326.0600 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box G |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hugo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74743 |
| 1.3.11 | Contact Information: - County | Latimer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | ?-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 60 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 60 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 60 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 60 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 60 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 60 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 60 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 60 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 60 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 60 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Albion |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Talihina |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | vd |
| 1.2.1 | PWSID Number | OK3003908 |
| 1.2.2 | PWSID Number | 3003908 |
| 1.3.1 | Contact Information: - Name | CHARLOTTE ELLIS |
| 1.3.2 | Contact Information: - Title | MANAGER/BOOKEEPER |
| 1.3.3 | Contact Information: - Phone Number | 918-753-2640 or 918-465-7930 |
| 1.3.4 | Contact Information: - E-Mail Address | ellisranch2@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 13055 SE 136th RD |
| 1.3.6 | Contact Information: - Mailing Address (City) | WISTER |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74966 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 13055 SE 136th RD |
| 1.3.9 | Contact Information: - Physical Address (City) | WISTER |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74966 |
| 1.3.11 | Contact Information: - County | LATIMER |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 133 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 175 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 133 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 15000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 28000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 78 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 22 |
| 3.10.1 | Source of estimated percentages | HISTORY |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | TALIHINA WATER DISTRICT |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 9578100 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 0 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0 |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 60000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 60000 |

| | | |
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| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | WE ARE ADDING A VERIBLE SPEED DRIVE PUMP IN PUMP STATION |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Latimer County RWD # 1 |
| 1.2.1 | PWSID Number | ok3003904 |
| 1.2.2 | PWSID Number | 3003904 |
| 1.3.1 | Contact Information: - Name | Cliff Downing |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-465-3613 |
| 1.3.4 | Contact Information: - E-Mail Address | downingcpsubell.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 7 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wilburton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74578 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 w. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Wilburton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74578 |
| 1.3.11 | Contact Information: - County | Latimer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3190 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3520 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1450 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1600 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | Data Base |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Wilburton Public Works |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 204 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Lloyd Church |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Fourche Maline Creek |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 600 |

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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replace pumps, upgrade technology, replace lines, build loops. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Most people in our area feel the process is to controlled by OWRB, Tulsa & Oklahoma City. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Latimer County Rural Water District #2 |
| 1.2.1 | PWSID Number | OK3003903 |
| 1.2.2 | PWSID Number | 3003903 |
| 1.3.1 | Contact Information: - Name | Linda Petty |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-522-4272 |
| 1.3.4 | Contact Information: - E-Mail Address | RWD2LC@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 5473 SE HWY 63 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Talihina |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74571 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5473 SE HWY 63 |
| 1.3.9 | Contact Information: - Physical Address (City) | Talihina |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74571 |
| 1.3.11 | Contact Information: - County | Latimer |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 31 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1240 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1252 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1370 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1470 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1770 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 496 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 508 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 548 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 588 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 708 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 101634 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 104092 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 112288 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 120484 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 145072 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 3/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 118030 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 37 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | self done |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/18/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 99 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | self done |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Sardis Lake Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 37096700 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Sardis Lake |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |

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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 220 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Mountain Park |
| 1.2.1 | PWSID Number | 300380-7-OK |
| 1.2.2 | PWSID Number | 3003807 |
| 1.3.1 | Contact Information: - Name | Leland Coulter |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580 569 4234 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mountain Park |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73559 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 208 W Spruce Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Mountain Park |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73559 |
| 1.3.11 | Contact Information: - County | Kiowa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 480 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 550 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 550 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 420 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 480 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 550 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 550 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 10000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 10500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 11000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 12000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 12000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | SWAG |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | SWAG |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | SWAG |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Snyder |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 12.0482 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Tom Steed Res |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| | | |
|--------|---|---|
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Perhaps I'll have a better handle on water usage in another year. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We do not have the money to add right now. The town has an embezelment suit at present. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Kiowa Rural Water Dist. 1 |
| 1.2.1 | PWSID Number | 3003804 |
| 1.2.2 | PWSID Number | 3003804 |
| 1.3.1 | Contact Information: - Name | Ruth Wendland |
| 1.3.2 | Contact Information: - Title | sec/treas |
| 1.3.3 | Contact Information: - Phone Number | 580-846-9013 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 1 Box 145 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Lone Wolf |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73655 |
| 1.3.11 | Contact Information: - County | Kiowa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16.6 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 180 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 180 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 180 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 180 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 180 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 76 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 76 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 76 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 76 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 76 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2573 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 4800 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | master meter readings |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Quartz Mountain Regional Water |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2.15 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | purchase system |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1.91 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| | | |
|--------|---|-----|
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town cashion |
| 1.2.1 | PWSID Number | 3003703 |
| 1.2.2 | PWSID Number | 3003703 |
| 1.3.1 | Contact Information: - Name | charles jindra |
| 1.3.2 | Contact Information: - Title | utilities director |
| 1.3.3 | Contact Information: - Phone Number | 433-2243 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 102 s. main |
| 1.3.6 | Contact Information: - Mailing Address (City) | cashion |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73016 |
| 1.3.11 | Contact Information: - County | logan/Kingfisher |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 635 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 319 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 334 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 350 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 400 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1750000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2000000 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | us census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2001 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.10.1 | Source of estimated percentages | historical data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Logan county rwd#2 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 26 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 1.82 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

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|--------|---|---------------------------|
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | town of Braman |
| 1.2.1 | PWSID Number | 3003616 |
| 1.2.2 | PWSID Number | 3003616 |
| 1.3.1 | Contact Information: - Name | Betty Evans |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 530-385-2169 |
| 1.3.4 | Contact Information: - E-Mail Address | braman2000@kanokla.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 48 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Braman |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74632 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 302 Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Braman |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74632 |
| 1.3.11 | Contact Information: - County | Kay |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 6.26 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 244 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 250 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 260 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 260 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 150 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 153 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 159 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 159 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.023 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.024 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.025 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.025 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8508350 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Census |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Blackwell Rural Water |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 8508350 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water line--4 blocks |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Great group of people working at this Board. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Keep up the good work. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | RuralWater District No. 1, Kay County |
| 1.2.1 | PWSID Number | 3003605 |
| 1.2.2 | PWSID Number | 3003605 |
| 1.3.1 | Contact Information: - Name | Jay Stafford |
| 1.3.2 | Contact Information: - Title | Secretary/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580-762-4249 |
| 1.3.4 | Contact Information: - E-Mail Address | jnmilstafford@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 127 Roadrunner Dr |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ponca City, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74604 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Kay |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Cith of Ponca City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 90.1 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 47 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Kay Co RWD #3 |
| 1.2.1 | PWSID Number | 3003602 |
| 1.2.2 | PWSID Number | 3003602 |
| 1.3.1 | Contact Information: - Name | Neal Otto |
| 1.3.2 | Contact Information: - Title | Chariman |
| 1.3.3 | Contact Information: - Phone Number | 580-716-6166 |
| 1.3.4 | Contact Information: - E-Mail Address | Rayruralwater3@netzero.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1080 Summitt st |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ponca City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74604 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Same |
| 1.3.11 | Contact Information: - County | Kay |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 0.248 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1050 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1110 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1310 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1610 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 529 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 559 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 659 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 759 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1060 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 91750 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 97000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 44593945 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 29 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 20 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Ponca City Utilities |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 44593900 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |

| | | |
|--------|--|---------------------------------|
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | 0 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 0 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 0 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 0 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 140 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 65 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Upgrade Line Size |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | BLACKWELL RURAL WATER CORPORATION |
| 1.2.1 | PWSID Number | OK3003601 |
| 1.2.2 | PWSID Number | 3003601 |
| 1.3.1 | Contact Information: - Name | TIM RODRIGUEZ |
| 1.3.2 | Contact Information: - Title | OFFICE MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 580-363-1260 |
| 1.3.4 | Contact Information: - E-Mail Address | TJROD@KAYELECTRIC.COOP |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 367 |
| 1.3.6 | Contact Information: - Mailing Address (City) | BLACKWELL, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74631 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 300 W DOOLIN AVE |
| 1.3.9 | Contact Information: - Physical Address (City) | BLACKWELL, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74631 |
| 1.3.11 | Contact Information: - County | KAY |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 920 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 920 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 920 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 920 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 920 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 468 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 468 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 468 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 468 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 468 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 121000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 121000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 121000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 121000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 121000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 161830 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | billing data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 14 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 18 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 8 |
| 3.10.1 | Source of estimated percentages | BILLING DATA |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CITY OF BRAMAN |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 8.1 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF BLACKWELL |

| | | |
|--------|--|---------------------------------|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 44.2 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | 0 |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | 0 |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | 0 |
| 5.13.4 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 4 | 0 |
| 5.13.5 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 5 | 0 |
| 5.13.6 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 6 | 0 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 0 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 0 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 0 |
| 5.14.4 | Surface water permitted in 2007 for each source (AFY) - Supply 4 | 0 |
| 5.14.5 | Surface water permitted in 2007 for each source (AFY) - Supply 5 | 0 |
| 5.14.6 | Surface water permitted in 2007 for each source (AFY) - Supply 6 | 0 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 0 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 0 |
| 5.15.4 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 4 | 0 |
| 5.15.5 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 5 | 0 |
| 5.15.6 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 6 | 0 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 0 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 0 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 0 |
| 6.8.10 | Type of treatment plant | NONE-WE PURCHASE WATER |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.10.2 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 2 | 0 |
| 6.10.3 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 3 | 0 |
| 6.10.4 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - New WTP(s) | 0 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | 0 |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | 0 |
| 6.12.3 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 3 | 0 |

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| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 224 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 8 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 4 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 8 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 88 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | SYSTEM IS GETTING OLDER BUT IS PERFORMING WELL RELATIVE TO ITS AGE |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| Comments | | n/a-We purchase |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Consolidated Rural Water of Jefferson County |
| 1.2.1 | PWSID Number | 3003401; 11221 |
| 1.2.2 | PWSID Number | 3003401 |
| 1.3.1 | Contact Information: - Name | Kenny Lovett |
| 1.3.2 | Contact Information: - Title | General Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-963-3161 |
| 1.3.4 | Contact Information: - E-Mail Address | jeffcorwd@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 97 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hastings |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73548 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 502 Commercial |
| 1.3.9 | Contact Information: - Physical Address (City) | Hastings |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73548 |
| 1.3.11 | Contact Information: - County | Jefferson |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 36 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4146 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4450 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4750 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2073 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2173 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2373 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2475 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2650 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 390031 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 690250 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Duncan |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Comanche |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | City of Waurika |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.4.5 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Raw (needs treatment) | Raw (needs treatment) |
| 4.4.8 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 50427657 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 41004276 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 39417826 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1500 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 8 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| | | |
|--------|---|----|
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | TOWN OF OLUSTEE |
| 1.2.1 | PWSID Number | OK 3003309 |
| 1.2.2 | PWSID Number | 3003309 |
| 1.3.1 | Contact Information: - Name | DAVID BROWN |
| 1.3.2 | Contact Information: - Title | TOWN SUPERVISOR |
| 1.3.3 | Contact Information: - Phone Number | 580-648-2288 |
| 1.3.4 | Contact Information: - E-Mail Address | TOFOLUSTEE@YAHOO.COM |
| 1.3.5 | Contact Information: - Mailing Address (Street) | BOX 330 |
| 1.3.6 | Contact Information: - Mailing Address (City) | OLUSTEE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73560 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 E 4TH |
| 1.3.9 | Contact Information: - Physical Address (City) | OLUSTEE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73560 |
| 1.3.11 | Contact Information: - County | JACKSON |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 1.8 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 650 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 700 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 228 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 240 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 240 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 240 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 240 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.23 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 170 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 170 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 170 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 170 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18641000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | ESTIMATE |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | PURCHASE-SOLD GALLONS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | ALTUS POWER |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | CRETA WATER |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 18641000 |

| | | |
|-------|--|----|
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Quartz Mountain Water |
| 1.2.1 | PWSID Number | 3003304 |
| 1.2.2 | PWSID Number | 3003304 |
| 1.3.1 | Contact Information: - Name | Town of Martha |
| 1.3.3 | Contact Information: - Phone Number | 580.266.3300 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 105 Church |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO Box 100 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73556 |
| 1.3.9 | Contact Information: - Physical Address (City) | Martha |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 105 Church St |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 205 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 220 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 230 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 240 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 86 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 92 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 97 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 101 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 5400 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 5800 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.61 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.64 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 20 |
| 3.10.1 | Source of estimated percentages | People & Cotton Gin |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 12.5 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Headrick Utility Trust |
| 1.2.1 | PWSID Number | OK3003302 |
| 1.2.2 | PWSID Number | 3003302 |
| 1.3.1 | Contact Information: - Name | Danny Fort |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580.738.5723 |
| 1.3.4 | Contact Information: - E-Mail Address | dfort@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 153 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Headrick |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73549-0153 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 6th & Payne |
| 1.3.9 | Contact Information: - Physical Address (City) | Headrick |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73549 |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Block water rate which increases the rate for high water usage. |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 120 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 130 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 140 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 150 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 50 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 55 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 60 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 65 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 65 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.007 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.008 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.009 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.01 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.01 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.01 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2.612 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 89 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 8 |
| 3.10.1 | Source of estimated percentages | meter readings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Jackson County Water Company |

| | | |
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| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2.612 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | N/A |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Eldorado |
| 1.2.1 | PWSID Number | 3003301 |
| 1.2.2 | PWSID Number | 3003301 |
| 1.3.1 | Contact Information: - Name | Janice Hunter |
| 1.3.2 | Contact Information: - Title | Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580-633-2245 |
| 1.3.4 | Contact Information: - E-Mail Address | townofeldorado@swoi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Eldorado |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73537 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 500 State Hwy 6 |
| 1.3.9 | Contact Information: - Physical Address (City) | Eldorado |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73537 |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16.63 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 409 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 292 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Harmon Water Corporaton |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Creta Water Corporation |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.5 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4.665 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 9.663 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

| | | |
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| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Hughes County RWD #5 |
| 1.2.1 | PWSID Number | 3003204 |
| 1.2.2 | PWSID Number | 3003204 |
| 1.3.1 | Contact Information: - Name | Gail Kiker |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 405.257.2210 |
| 1.3.4 | Contact Information: - E-Mail Address | hughesrwd5@ihnet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 109 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Holdenville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74848 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 13301 Hwy 56 |
| 1.3.9 | Contact Information: - Physical Address (City) | Holdenville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74848 |
| 1.3.11 | Contact Information: - County | Hughes / Seminole |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 775 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 812 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 887 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 937 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 310 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 325 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 355 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 375 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.204121 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 75 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 41 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 46 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 12 |
| 3.10.1 | Source of estimated percentages | Last (12) months production |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Wewoka City |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Holdenville City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 37252150 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 37252150 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Wewoka Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Holdenville Lake |

| | | |
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| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Waiting for funding for water well |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Laying new larger main line to CCA prison |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 75 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 50 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Hughes County Rural Water Dist. #4 |
| 1.2.1 | PWSID Number | 3003203 |
| 1.2.2 | PWSID Number | 3003203 |
| 1.3.1 | Contact Information: - Name | Sandy Stafford |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405.379.3814 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 3704 N 372 RD |
| 1.3.6 | Contact Information: - Mailing Address (City) | Holdenville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74848 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 3704 N 372 RD |
| 1.3.9 | Contact Information: - Physical Address (City) | Holdenville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74848 |
| 1.3.11 | Contact Information: - County | Hughes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 100 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 100 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | daily water usage is monitored by our supplier, RWD #6, Hughes Co. |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | our records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Hughes RWD#6 |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Holdenville |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 21.12083 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 45 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 12 |

| | | |
|--------|--|---------------------------------|
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 12 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|------------------------------|
| 1.1.1 | Provider Name | Hughes County RWD #1 |
| 1.2.1 | PWSID Number | 3003201 |
| 1.2.2 | PWSID Number | 3003201 |
| 1.3.1 | Contact Information: - Name | John Wilkerson |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-308-4175 |
| 1.3.4 | Contact Information: - E-Mail Address | Johnwaterman69@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 173 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wetumka |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74883 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 8047 E 124 |
| 1.3.9 | Contact Information: - Physical Address (City) | Wetumka |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74883 |
| 1.3.11 | Contact Information: - County | Hughes |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1088 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1108 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1118 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1128 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1138 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 428 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 438 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 443 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 448 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 453 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 90000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 91000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 91000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 91000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 91000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 185000 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Past years for the District |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Okfuskee RWD #2 |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Wetumka |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 18 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 24 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 1 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 1 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 24 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|--|---------------------------------|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 103 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 20 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 7 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 7 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 77 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 16 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.1 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | Yes |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 7 |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | residential 2500 |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | 6 |
| 7.11.4 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | commercial 8333 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Haskell County Water Company |
| 1.2.1 | PWSID Number | 3003112 |
| 1.2.2 | PWSID Number | 3003112 |
| 1.3.1 | Contact Information: - Name | Vickie Reed |
| 1.3.2 | Contact Information: - Title | City Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-966-3655 |
| 1.3.4 | Contact Information: - E-Mail Address | keota@crosstel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 199 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Keota |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74941 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 109 Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Keota |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74941 |
| 1.3.11 | Contact Information: - County | Haskell |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 39 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 509 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 609 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 709 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 809 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 909 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2090 1009 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 256 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 266 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 277 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 288 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 299 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2090 308 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.04 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.05 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.06 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.07 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.08 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 2090 - .090 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Census |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | McCurtain Municipal Authority |
| 1.2.1 | PWSID Number | OK3003101 |
| 1.2.2 | PWSID Number | 3003101 |
| 1.3.1 | Contact Information: - Name | Betty Boren |
| 1.3.2 | Contact Information: - Title | Clerk/Operator |
| 1.3.3 | Contact Information: - Phone Number | 918-945-7209 |
| 1.3.4 | Contact Information: - E-Mail Address | mcwater@crosstel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 368 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 308 W Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | McCurtain, Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74944 |
| 1.3.11 | Contact Information: - County | Haskell |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 40 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 560 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 560 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 560 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 560 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 560 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 270 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 270 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 270 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 270 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 270 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.03 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 30000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 30000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 30000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 30000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18.21358 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2000 Census |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Poteau Valley Improvement Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 18213580 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | water system needs to be replaced |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 70 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

| | | |
|--------|--|---------------------------------|
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Grant Co. RWD #1 |
| 1.2.1 | PWSID Number | 3002707 |
| 1.2.2 | PWSID Number | 3002707 |
| 1.3.1 | Contact Information: - Name | Rodney Hern |
| 1.3.2 | Contact Information: - Title | President |
| 1.3.3 | Contact Information: - Phone Number | 580.594.2427 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | RR1 Box 93 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wakita |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73771 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 90 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 90 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 90 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 90 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 115 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 110 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 110 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 110 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 110 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.016248 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 24363 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 50 |
| 3.10.1 | Source of estimated percentages | annual report |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Town of Manchester |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 5930700 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 65 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | S.W. Water Inc. -- LG.CDM |
| 1.2.1 | PWSID Number | 3002706 |
| 1.2.2 | PWSID Number | 3002706 |
| 1.3.1 | Contact Information: - Name | Ferrell Morse |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580-532-4479 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 366 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pond Creek |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73766 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 219 Cherokee |
| 1.3.9 | Contact Information: - Physical Address (City) | Pond Creek |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73766 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 204 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 155 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.038 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13.9 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/12/2008 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Pond Creek |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 13.9 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 220 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | R&C Water |
| 1.2.1 | PWSID Number | 3002703 |
| 1.2.2 | PWSID Number | 3002703 |
| 1.3.1 | Contact Information: - Name | Carol Beggs |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 580.395.2225 |
| 1.3.4 | Contact Information: - E-Mail Address | carwarbeggs@sbcglobal.net |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 Kretchmar Drive |
| 1.3.9 | Contact Information: - Physical Address (City) | Medford |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73759 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 525 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.056 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 19 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 30 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Medford |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 19 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Jefferson, Oklahoma |
| 1.2.1 | PWSID Number | 3002702 |
| 1.2.2 | PWSID Number | 3002702 |
| 1.3.1 | Contact Information: - Name | Louise Shaffer |
| 1.3.2 | Contact Information: - Title | Clerk |
| 1.3.3 | Contact Information: - Phone Number | (580) 532-6278 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Route 2, Box 74 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Medford, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73759 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 34 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 57 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 23 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0023 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2,300 gallons |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Medford |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1.26 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Grady County Rural Water dist #6 |
| 1.2.1 | PWSID Number | OK3002603 |
| 1.2.2 | PWSID Number | 3002603 |
| 1.3.1 | Contact Information: - Name | Paul Jones |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-459-6626 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd6@amberok.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Po Box 37 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Amber |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73004 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1078 County Road 1280 |
| 1.3.9 | Contact Information: - Physical Address (City) | Amber |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73004 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 26 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3327 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3350 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3425 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1331 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1340 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1370 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.263 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | |
| 3.5.1 | Total Water Produced in 2007 (MG) | 130 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 55 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 26 |
| 3.10.1 | Source of estimated percentages | Historic Water Production data and self |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Amber rural Water Dist #2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pocasset Rural Water Dist #1 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |

| | | |
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| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Chickasha |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Tuttle |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | na |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 81000000 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 49000000 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | na |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | na |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | na |
| 5.13.4 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 4 | na |
| 5.13.5 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 5 | na |
| 5.13.6 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 6 | na |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 315 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 16 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | na |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | na |
| 7.11.5 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 3: | na |
| 7.11.7 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 4: | na |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Norge Water & Sewer Co. Inc. |
| 1.2.1 | PWSID Number | ok3002601 |
| 1.2.2 | PWSID Number | 3002601 |
| 1.3.1 | Contact Information: - Name | Jean Hart |
| 1.3.2 | Contact Information: - Title | bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 405-224-6243 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 1005 |
| 1.3.6 | Contact Information: - Mailing Address (City) | chickasha |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73023 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 890 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 920 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 970 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1020 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1070 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 370 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 391 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 461 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 531 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 601 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.115 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.13 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.223 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 36 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 2/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 16 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 13 |
| 3.10.1 | Source of estimated percentages | ?billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 36 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |

| | | |
|--------|--|---------------------------------|
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Water tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Elmore City Rural Water Corporation |
| 1.2.1 | PWSID Number | OK3002505 |
| 1.2.2 | PWSID Number | 3002505 |
| 1.3.1 | Contact Information: - Name | Lynna M Kay |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | (405) 562-6007 |
| 1.3.4 | Contact Information: - E-Mail Address | lynnamkay@windstream.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 98 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Elmore City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73433 |
| 1.3.8 | Contact Information: - Physical Address (Street) | RR 1 Box 70A |
| 1.3.9 | Contact Information: - Physical Address (City) | Elmore City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73433 |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Rural Water Corporation |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.69 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 925 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 925 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 925 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 925 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 925 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 390 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 390 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 390 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 390 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 390 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.11 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.11 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.11 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.11 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.11 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 47 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 51 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 0 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 36 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 13 |
| 3.10.1 | Source of estimated percentages | Billing and usage data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Elmore City PWA |

| | | |
|--------|--|---------------------------------|
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 16000000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Pauls Valley PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 47000000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | n/a |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 90 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 35 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 45 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 45 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|----------------------------------|
| 1.1.1 | Provider Name | Garvin County Rural Water # 4 |
| 1.2.1 | PWSID Number | 3002503 |
| 1.2.2 | PWSID Number | 3002503 |
| 1.3.1 | Contact Information: - Name | Jerry Dunn |
| 1.3.2 | Contact Information: - Title | Field Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-207-6302 |
| 1.3.4 | Contact Information: - E-Mail Address | annie@itlnet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 5040 w hwy 19 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pauls Valley |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73075 |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1210 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 484 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.114 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | self-estimated |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Pauls Valley Municipal Authority |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 41 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Pauls Valley Municipal Authority |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | TOWN OF COVINGTON/COVINGTON UTILITIES AUTHORITY |
| 1.2.1 | PWSID Number | OK3002419 |
| 1.2.2 | PWSID Number | 3002419 |
| 1.3.1 | Contact Information: - Name | Mike Schram |
| 1.3.2 | Contact Information: - Title | UTILITIES SUPERINTENDENT |
| 1.3.3 | Contact Information: - Phone Number | 580-554-2608 |
| 1.3.4 | Contact Information: - E-Mail Address | mraveys@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 224 West Maine Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Covington |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73730 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 224 West Maine Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Covington |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73730 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 553 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 172 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 35000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/30/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 70000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 149 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 35 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | Utility Supt. |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Enid, OK (Salt Fork Water Authority) |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 149 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 45 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 55 |
| 6.26.5 | How would you rate the performance of your distribution system? | We have old water lines and out of date. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Waiting on OWRB Grant from 2004, Town can't financially afford to replace the water lines at this time. We currently have a consent order with our lagoon. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | More funding for Smaller Towns. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Garfield County RWD#7 |
| 1.2.1 | PWSID Number | 3002408 |
| 1.2.2 | PWSID Number | 3002408 |
| 1.3.1 | Contact Information: - Name | Dwayne E. Janzen |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580.548.4693 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O.. Box 625 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Enid |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73702 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 313 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 319 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 339 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 359 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 419 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 156 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 159 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 169 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 179 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 209 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.052 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 19 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Enid |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 19 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Too many leaks |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| | | |
|-------|--|---------------------------------|
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Garfield Co. RWD #4 |
| 1.2.1 | PWSID Number | 3002406 |
| 1.2.2 | PWSID Number | 3002406 |
| 1.3.1 | Contact Information: - Name | Barbara K. Smith |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580.233.9532 |
| 1.3.4 | Contact Information: - E-Mail Address | william43@suddenlink.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 116 Sara Dr. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Enid |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73703 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 320 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 86 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 4895000 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Enid |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 5 |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---------------------------------|
| 1.1.1 | Provider Name | Town of Drummond |
| 1.2.1 | PWSID Number | OK3002401 |
| 1.2.2 | PWSID Number | 3002401 |
| 1.3.1 | Contact Information: - Name | Dwight Singleton |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | (580)493-2900 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofdr@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Drummond, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73735 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 424 Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Drummond, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73735 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 425 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 184 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 3.499 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Utility Billing Records |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.10.1 | Source of estimated percentages | Utility Billing Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Enid Enid, OK |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | town of leedeey |
| 1.2.1 | PWSID Number | 3002201 |
| 1.2.2 | PWSID Number | 3002201 |
| 1.3.1 | Contact Information: - Name | fred lee |
| 1.3.2 | Contact Information: - Title | supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580 488-3616 |
| 1.3.4 | Contact Information: - E-Mail Address | tnleedeey@dobsonteleco.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p o box 337 |
| 1.3.6 | Contact Information: - Mailing Address (City) | leedeey |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73654 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 619 s main st |
| 1.3.9 | Contact Information: - Physical Address (City) | leedeey |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73654 |
| 1.3.11 | Contact Information: - County | dewey |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 28.75 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 205 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 235 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 22 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | red star rural water dist |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 22 |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Delaware County Rural Water, Gas, & Solid Waste Management District No 9 |
| 1.2.1 | PWSID Number | OK3002144 |
| 1.2.2 | PWSID Number | 3002144 |
| 1.3.1 | Contact Information: - Name | John K. Gillette |
| 1.3.2 | Contact Information: - Title | Secretary/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 9187875040 |
| 1.3.4 | Contact Information: - E-Mail Address | blade@wavelinx.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 450418 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Grove, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74345-0418 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 240 E 3rd St. Suite A |
| 1.3.9 | Contact Information: - Physical Address (City) | Grove, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74344 |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 840 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1110 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2010 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2910 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 280 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 370 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 670 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 970 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1870 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 53298 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 70300 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 127300 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 184300 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 355300 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 0 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Water District Billing Accounts |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Grove Municipal Services Authority |

| | | |
|----------|--|--|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 19.1874 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | none |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Grand Lake O' The Cherokees reservoir |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 11 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | Basic system installed in July 1997 98% are water pipe 6" or larger. |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Projects to continue loop distribution lines. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | The Neosho River surface water in Kansas has basically allocated all available surface water. Missouri demands for Spring River Water is increasing dramatically. Spring River flow into Grand Lake will decrease in the future. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | The Joplin, Missouri area is wanting to construct a reservoir on the Spring River if Oklahoma will not sell it to them from Grand Lake. That reservoir would reduce water supply availability. |
| Comments | | None: Water Purchased From Grove Municipal Services |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | FRONTIER DEVELOPMENT AUTHORITY |
| 1.2.1 | PWSID Number | 3002011 |
| 1.2.2 | PWSID Number | 3002011 |
| 1.3.1 | Contact Information: - Name | LA DONNA HOLLINGSWORTH |
| 1.3.2 | Contact Information: - Title | CLERK |
| 1.3.3 | Contact Information: - Phone Number | 580-664-3915 |
| 1.3.4 | Contact Information: - E-Mail Address | butlerok@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 105 N MAIN STREET PO BOX 145 |
| 1.3.6 | Contact Information: - Mailing Address (City) | BUTLER, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73625 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 N MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | BUTLER,OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73625 |
| 1.3.11 | Contact Information: - County | CUSTER |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 900 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 925 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 925 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 925 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 925 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 429 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 435 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 435 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 435 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 435 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.061 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.061 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.061 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.061 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.061 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.141 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 22.5 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 94 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 6 |
| 3.10.1 | Source of estimated percentages | WATER BILLING SYSTEM |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF HOBART |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 22.5 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | FOSS MASTER CONSERVANCY DISTRICT |

| | | |
|--------|---|---------------------------------|
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 135 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 11 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Arapaho Public Works Authority |
| 1.2.1 | PWSID Number | ok3002004 |
| 1.2.2 | PWSID Number | 3002004 |
| 1.3.1 | Contact Information: - Name | Lynn Maloy |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-323-4376 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box F |
| 1.3.6 | Contact Information: - Mailing Address (City) | Arapaho |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73620 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 667 Main |
| 1.3.11 | Contact Information: - County | Custer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 843 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 339 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 19 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Water billing program |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Clinton |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 23 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 3002001 |
| 1.2.2 | PWSID Number | 3002001 |
| 1.3.1 | Contact Information: - Name | LA DONNA HOLLINGSWORTH |
| 1.3.2 | Contact Information: - Title | CLERK |
| 1.3.3 | Contact Information: - Phone Number | (580) 664-3915 |
| 1.3.4 | Contact Information: - E-Mail Address | butlerok@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 105 N. MAIN STREET |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO BOX 145 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73625 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 N. MAIN STREET |
| 1.3.9 | Contact Information: - Physical Address (City) | BUTLER |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73625 |
| 1.3.11 | Contact Information: - County | CUSTER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 352 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 360 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 360 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 360 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 360 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 170 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 175 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 175 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 175 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 175 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 26890 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 27500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 27500 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 27500 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 27500 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.05 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 9.81 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census bureau |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 93 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 7 |
| 3.10.1 | Source of estimated percentages | BILLING SYSTEM |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF HOBART, FOSS MASTER CONSERVANCY DISTRICT |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 9.81 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | FOSS RESERVOIR |

| | | |
|--------|---|---------------------------------|
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | FOSS RESERVOIR |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 11 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|-------------------|-----------------|-------------------|
| 1.1.1 | Provider Name | creek county # 11 |
| 1.2.1 | PWSID Number | OK3001944 |
| 1.2.2 | PWSID Number | 3001944 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Sapulpa Rural Water Co. |
| 1.2.1 | PWSID Number | 3001904 |
| 1.2.2 | PWSID Number | 3001904 |
| 1.3.1 | Contact Information: - Name | Linda Daniels |
| 1.3.2 | Contact Information: - Title | Secretary |
| 1.3.3 | Contact Information: - Phone Number | 918-224-4974 |
| 1.3.4 | Contact Information: - E-Mail Address | srwc@wildblue.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 6360 South Hwy 97 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sapulpa |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74066 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 6360 South Hwy 97 |
| 1.3.9 | Contact Information: - Physical Address (City) | Sapulpa |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74066 |
| 1.3.11 | Contact Information: - County | Creek |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6854 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2142 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.836 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.875 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 305.242 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 62 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 16 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 7 |
| 3.10.1 | Source of estimated percentages | water sales for 2007 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Tulsa |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Creek County RWD # 4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 43.642 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 19.4 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Sapulpa |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Tulsa |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 164.7 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 140.542 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 74 |

| | | |
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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.75 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2.88 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3.44 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Good storage capacity. Good pumping capability. |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | See attachments submitted by Sapulpa Rural Water Company. 20 Year plan for distribution System Improvements |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Creek County RWD #2 |
| 1.2.1 | PWSID Number | 3001902 |
| 1.2.2 | PWSID Number | 3001902 |
| 1.3.1 | Contact Information: - Name | Dorothy M Greek |
| 1.3.2 | Contact Information: - Title | District Hanager |
| 1.3.3 | Contact Information: - Phone Number | 918.299.4448 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2425 N 121 St St South |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sapulpa |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74066 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16.39 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.11 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Cooling towers |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 10930 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 11328 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 13300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 15275 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 21200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 4350 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4590 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5390 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6190 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6990 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.32 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.41 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.48 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.72 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3860000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.10.1 | Source of estimated percentages | Had gallons not percentage |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Creek County RWD #7 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Sapulpa |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | Creek County RWD #1 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |

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| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 119730000 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 73315000 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 83363000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | See question 27 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Looping Dead end Lines |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 193 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 41 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4000 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10000 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water storage tower new line upgrades/improvements |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| Comments | | Purchased |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Big Cabin |
| 1.2.1 | PWSID Number | OK3001805 |
| 1.2.2 | PWSID Number | 3001805 |
| 1.3.1 | Contact Information: - Name | Linda Purcell |
| 1.3.2 | Contact Information: - Title | Water Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-783-5704 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 161 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Big Cabin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74332 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 264 E. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Big Cabin |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74332 |
| 1.3.11 | Contact Information: - County | Craig |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 312 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 320 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 360 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 390 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 240 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 242 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 270 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 292 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.067 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.068 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.076 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.082 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | both 1 and 2 above |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 40 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 26 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 34 |
| 3.10.1 | Source of estimated percentages | monthly bills |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Vinita Utilities Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 30 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |

| | | |
|----------|--|---------------------------------|
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| Comments | | buy Water |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CRAIG COUNTYRURAL WATER DISTRICT NO. 2 |
| 1.2.1 | PWSID Number | 3001802 |
| 1.2.2 | PWSID Number | 3001802 |
| 1.3.1 | Contact Information: - Name | ROBERT S. CHASE |
| 1.3.2 | Contact Information: - Title | MANAGER / OPERATOR |
| 1.3.3 | Contact Information: - Phone Number | (918) 256-1145 |
| 1.3.4 | Contact Information: - E-Mail Address | bchaseccwd2@junct.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 1129 |
| 1.3.6 | Contact Information: - Mailing Address (City) | VINITA |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74301 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 27254 S. 4440 ROAD |
| 1.3.9 | Contact Information: - Physical Address (City) | VINITA |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74301 |
| 1.3.11 | Contact Information: - County | CRAIG |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12.09 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3950 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5375 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 11700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1580 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1720 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2150 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2690 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.4 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.436 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.545 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.68 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.2 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 167 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 2/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 25 |
| 3.10.1 | Source of estimated percentages | HISTORICAL DATA |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | VINITA UTILITIES AUTHORITY |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | KETCHUM PUBLIC WORKS AUTHORITY |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |

| | | |
|----------|--|--|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 167 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 360 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 25 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 16 OF 8" WATER LINE |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | GRDA CONTROLS THE WATER IN OUR AREA. (GRAND LAKE) GRDA IS A FEDERAL AGENCY. HOW IS THE OKLAHOMA STATE WATER PLAN GOING TO INTERFACE WITH GRDA AND THE FEDERAL GOVERNMENT? I HAVEN'T SEEN GRDA INVOLVED IN THE MEETINGS FOR THE STATE WATER PLAN. THE STATE OF OKLAHOMA AND THE INDIAN NATIONS HAVE NEVER COME UP WITH A COMPACT CONCERNING WHO ACTUALLY OWNS THE RIGHTS TO THE WATER. THIS COULD BE A HUGE ISSUE ESPECIALLY IN THE AREA OF SELLING WATER TO OTHER STATES. I HAVE NOT SEEN THE INDIAN NATION INVOLVED IN THE STATE WATER PLANNING MEETINGS. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | THANKS FOR SENDING RANDY CASKEY TO HELP US IN COMPLETING THIS SURVEY. RANDY WAS A GREAT HELP. THE TWO BIG ISSUES THAT I SEE IN A STATE WATER PLAN ARE AS I LISTED ABOVE. 1- HOW DO THE INDIAN TRIBES FIT INTO THE OVERALL WATER PICTURE 2- HOW DOES THE FEDERAL GOVERNMENT AND GRDA FIT INTO THE STATE PLAN FOR NORTHEASTERN OKLAHOMA. REMEMBER THAT IT IS GRAND LAKE 'O THE CHEROKEE. |
| Comments | | Water is purchased |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | CRAIG COUNTY RURAL WATER #1 |
| 1.2.1 | PWSID Number | 3001801 |
| 1.2.2 | PWSID Number | 3001801 |
| 1.3.1 | Contact Information: - Name | MARK LOFGREN |
| 1.3.2 | Contact Information: - Title | SYSTEM MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 918-256-6500 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 378 |
| 1.3.6 | Contact Information: - Mailing Address (City) | VINITA OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74301 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 224 WEST FLINT |
| 1.3.9 | Contact Information: - Physical Address (City) | VINITA |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74301 |
| 1.3.11 | Contact Information: - County | CRAIG |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Town of Devol - LG.CDM |
| 1.2.1 | PWSID Number | OK3001701 |
| 1.2.2 | PWSID Number | 3001701 |
| 1.3.1 | Contact Information: - Name | Ron Dinger |
| 1.3.2 | Contact Information: - Title | Chairman - Board of Trustees |
| 1.3.3 | Contact Information: - Phone Number | 580-299-3393 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 36 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Devol |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73531 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 302 Dallas |
| 1.3.9 | Contact Information: - Physical Address (City) | Devol |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73531 |
| 1.3.11 | Contact Information: - County | Cotton |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 73 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 30 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10950 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | # of meters X percapita Demand |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 20 |
| 3.10.1 | Source of estimated percentages | Actual Meter (Master) |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Grandfield |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New Water Tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | I understand that Core of Engineers own 75% of storage capacity of Waurika Reservoir. State should own more. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Same as #1 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Comanche Co. RWD #4 |
| 1.2.1 | PWSID Number | 3001674 |
| 1.2.2 | PWSID Number | 3001674 |
| 1.3.1 | Contact Information: - Name | Roger Wisner |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.429.8280 |
| 1.3.4 | Contact Information: - E-Mail Address | ccrwd4@ivcisp.cdm |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 800 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Cache |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73527 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 113 N. 6th |
| 1.3.9 | Contact Information: - Physical Address (City) | Cache |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73327 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 9 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 12000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 18000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 24000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1080 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1900 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 56000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 76000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 100000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 140000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 165000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 149465000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 20 |
| 3.10.1 | Source of estimated percentages | Billing history |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Indianoma |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Treasure Lake Job Corp |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5043600 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5683800 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Snyder |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |

| | | |
|--------|--|--|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Synder (Tom Steed) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 600 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 300 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 2 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water tower? existing water tower; new office building and new lines |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Medicine Park PWA |
| 1.2.1 | PWSID Number | 3001603 |
| 1.2.2 | PWSID Number | 3001603 |
| 1.3.1 | Contact Information: - Name | Tommy Brock |
| 1.3.2 | Contact Information: - Title | PWA Director |
| 1.3.3 | Contact Information: - Phone Number | 580-529-2825 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 231 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 154 E. Lake Drive |
| 1.3.9 | Contact Information: - Physical Address (City) | Medicine Park |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73557 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Rate Structures; emergency water measures and ordinance |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 370 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 385 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 420 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 440 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 175 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 180 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 195 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 240 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.045 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.05 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.055 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.06 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.07 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.065 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16.4 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | Local Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Lawton |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 16.5 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2.6 |

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| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Only partially funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Comanche County Rural Water District #1 |
| 1.2.1 | PWSID Number | 3001602 |
| 1.2.2 | PWSID Number | 3001602 |
| 1.3.1 | Contact Information: - Name | Pam Lee |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-492-4165 |
| 1.3.4 | Contact Information: - E-Mail Address | ccrwd1@sirinet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 25560 State Hwy. 58 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Lawton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73507-7778 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 25560 State Hwy. 58 |
| 1.3.9 | Contact Information: - Physical Address (City) | Lawton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73507 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2890 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3190 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3390 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3490 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1200 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1245 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1395 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1495 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1595 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 750,000 gallons |
| 3.5.1 | Total Water Produced in 2007 (MG) | 238.2821918 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/12/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 13 |
| 3.10.1 | Source of estimated percentages | Staff |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Lawton |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 86973 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 125 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Coal County RWD #5 |
| 1.2.1 | PWSID Number | 3001505 |
| 1.2.2 | PWSID Number | 3001505 |
| 1.3.1 | Contact Information: - Name | Frank Cometti |
| 1.3.2 | Contact Information: - Title | Operator Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.927.3619 |
| 1.3.4 | Contact Information: - E-Mail Address | virginiacometti@coalgate.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 1, Box 1145 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Coalgate 74538 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74538 |
| 1.3.11 | Contact Information: - County | Coal |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 240 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 34858 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | None of the above |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Coalgate Public Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 14614000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | choctaw rwd #6 |
| 1.2.1 | PWSID Number | 3001214 |
| 1.2.2 | PWSID Number | 3001214 |
| 1.3.1 | Contact Information: - Name | lorn hampton |
| 1.3.2 | Contact Information: - Title | water supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-513-6945 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 696 |
| 1.3.6 | Contact Information: - Mailing Address (City) | boswell |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74727 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1 mile east of boswell 1/2 block south |
| 1.3.11 | Contact Information: - County | choctaw |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 750 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 775 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 775 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 780 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 785 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 345 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 365 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 370 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 375 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 380 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.058 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.06 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.065 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.07 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.075 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/5/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.085 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 25 |
| 3.10.1 | Source of estimated percentages | water usage history |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | atoka rwd #4 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 14000000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | mcgee lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | we may need to add a booster chlorination point sometime in the near future |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 18 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 28 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | water leaks are repaired as soon as notified, customers like the water and we are ready to answer questions 24/7 |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | n/a |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | n/a |
| 7.11.5 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 3: | n/a |
| 7.11.7 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 4: | n/a |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | yes i am against selling oklahoma water to texas |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | we should explore a plan to connect all small towns and cities to a rural water source. we are blessed with good water and should take advantage of it before texas does, then after all municipals are on rural water then we can explore exporting water to other states thank you Lorn Hampton |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Choctaw Co. RWSG + SWM Dist. #3 |
| 1.2.1 | PWSID Number | MSIS#: 3001209 |
| 1.2.2 | PWSID Number | 3001209 |
| 1.3.1 | Contact Information: - Name | James Sanders |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.326.5102 / 580.317.6061 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 309 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sawyer, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74756-0309 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Kiamichi Dam Access Road |
| 1.3.9 | Contact Information: - Physical Address (City) | Sawyer, Ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74756-0309 |
| 1.3.11 | Contact Information: - County | Choctaw |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7.65 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | na |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 95 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 150 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 150 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | na |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0089 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.01 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.01 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.01 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.01 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | na |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/22/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.0018 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 8 |
| 3.10.1 | Source of estimated percentages | Monthly / Annual reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Hugo |

| | | |
|--------|--|---|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 6359600 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Kiamichi or Hugo Res. |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | New construction funding for additional distribution lines. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | we are a purchase + distribution system only. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Choctaw County RWD #2 |
| 1.2.1 | PWSID Number | 3001203 |
| 1.2.2 | PWSID Number | 3001203 |
| 1.3.1 | Contact Information: - Name | Delores I. Horn |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 580.286.7672 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 500 Riverbluff Rd |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO Box 104 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | Swink, Ok 74761-0104 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 500 Riverbluff Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Idabel, Ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74745 |
| 1.3.11 | Contact Information: - County | McCurtain & Choctaw |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 452 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 464 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 494 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 524 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 614 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2061 - 617 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 113 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 122 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 146 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 176 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 265 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2061 - 268 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 26200 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 28182 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 33726 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 40656 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 61215 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 2061 - 61908 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 9563000 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | meters x 4/family |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Total gallons/yr (divided by) 365/yr |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 59 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 30 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | Usage Summary |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Valliant PWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|--------|--|---------------------------------|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 9563000 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Broken Bow Water |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 70 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD 8 Cherokee |
| 1.2.1 | PWSID Number | 3001118 |
| 1.2.2 | PWSID Number | 3001118 |
| 1.3.1 | Contact Information: - Name | Richard DeGeorge |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.931.7240 |
| 1.3.4 | Contact Information: - E-Mail Address | dickdegeorge@cablelynx.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 15893 HWY 51 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tahlequah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74464 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.9 | Contact Information: - Physical Address (City) | same |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | same |
| 1.3.11 | Contact Information: - County | Cherokee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 48 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 420 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 440 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 480 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 520 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 340 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 350 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 380 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 420 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 450 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | unknown |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 130000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 140000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 160000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 200000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 230000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 145000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 54 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2002 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 20 |
| 3.10.1 | Source of estimated percentages | Manager |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | TPWA |

| | | |
|--------|---|---|
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 54000000 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 24 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Old lines with no bedding materials on tracer wire. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Complete replacement |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town Of Ratliff City |
| 1.2.1 | PWSID Number | 3001004 |
| 1.2.2 | PWSID Number | 3001004 |
| 1.3.1 | Contact Information: - Name | Charles Denney |
| 1.3.2 | Contact Information: - Title | water supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-856-3599 |
| 1.3.4 | Contact Information: - E-Mail Address | ratliff@wichitaonline |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 66 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ratliff City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73481 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 32 Church St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Ratliff City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73481 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 131 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 140 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 140 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 105 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 112 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 112 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.02 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.0215 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.0215 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.023 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 7377380 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Western Carter County |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0.75 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | Very few problems |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | irrigate very little as needed. No measurement. |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| | | |
|--------|---|---------------------------|
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|--------------------------------|
| 1.1.1 | Provider Name | UNION CITY MUNICIPAL AUTHORITY |
| 1.2.1 | PWSID Number | 3000909 |
| 1.2.2 | PWSID Number | 3000909 |
| 1.3.1 | Contact Information: - Name | JOSEPH BOSLER |
| 1.3.2 | Contact Information: - Title | WATER SUPERINTENDENT |
| 1.3.3 | Contact Information: - Phone Number | 405-483-5509 |
| 1.3.4 | Contact Information: - E-Mail Address | gd@ucok1884.info |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 36 |
| 1.3.6 | Contact Information: - Mailing Address (City) | UNION CITY |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73090 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 N ELM |
| 1.3.9 | Contact Information: - Physical Address (City) | UNION CITY |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73090 |
| 1.3.11 | Contact Information: - County | CANADIAN |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Canadian County Water Authority |
| 1.2.1 | PWSID Number | 3000903 |
| 1.2.2 | PWSID Number | 3000903 |
| 1.3.1 | Contact Information: - Name | Mary Culner |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 405.262.8730 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 17211 Darren Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | El Reno |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73036 |
| 1.3.11 | Contact Information: - County | Canadian |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1570 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 570 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 580 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 590 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 600 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 610 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 620 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 128000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 135000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 140000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 145000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 150000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 35459400 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.2 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Conservation Plan |
| 3.7.3 | Method used to project annual average daily water demands (check all that apply) | Previously completed Drought Management Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2006 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 42088000 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Atoka |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Atoka |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 110 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |

| | | |
|--------|---|-----------|
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Canadian County RWD #5 LG.CDM |
| 1.2.1 | PWSID Number | OK 3000901 |
| 1.2.2 | PWSID Number | 3000901 |
| 1.3.1 | Contact Information: - Name | Fred Kappus |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 405-262-2904 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Po Box 1304 |
| 1.3.6 | Contact Information: - Mailing Address (City) | El Reno |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73076 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5524 W. Elm |
| 1.3.9 | Contact Information: - Physical Address (City) | El Reno |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73036 |
| 1.3.11 | Contact Information: - County | Canadian |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 150 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 160 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 190 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 257 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 267 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 297 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 317 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 407 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of El Reno |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 90 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District #3 |
| 1.2.1 | PWSID Number | OK3000805 |
| 1.2.2 | PWSID Number | 3000805 |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 512 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 512 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.135 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 145000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 155000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 165000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 175000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 21000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/8/2009 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.10.1 | Source of estimated percentages | previous water usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #3 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | RDW #3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | N/A |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | RWD #3 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Not to many problems |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Plan to scope system in future |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |
| Comments | | N/A Water purchased from RWD #3 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Bryan County Rural Water Dist #6 |
| 1.2.1 | PWSID Number | OK 3000725 |
| 1.2.2 | PWSID Number | 3000725 |
| 1.3.1 | Contact Information: - Name | Eddie Ervin |
| 1.3.2 | Contact Information: - Title | Water supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580.367.9857 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd-6@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 206 Buffalo St. / PO Box 395 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Caddo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74729 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 206 Buffalo Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Caddo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74729 |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 444 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0575 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 15 |
| 3.10.1 | Source of estimated percentages | System superintendant |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Caddo Public Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 20.9928 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 150000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 59059100 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 181252378 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 140 |

| | | |
|--------|--|--|
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 12 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We will be drilling our own well which will help w/ the largest section of our system. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | BRYAN CO RWD5 |
| 1.2.1 | PWSID Number | OK 3000704 |
| 1.2.2 | PWSID Number | 3000704 |
| 1.3.1 | Contact Information: - Name | JESSE BRIDGES |
| 1.3.2 | Contact Information: - Title | BOARD MEMBER |
| 1.3.3 | Contact Information: - Phone Number | 580-924-8235 |
| 1.3.4 | Contact Information: - E-Mail Address | N/A |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 22404 SR 78S |
| 1.3.6 | Contact Information: - Mailing Address (City) | DURANT, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74701 |
| 1.3.8 | Contact Information: - Physical Address (Street) | N/A |
| 1.3.9 | Contact Information: - Physical Address (City) | N/A |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | N/A |
| 1.3.11 | Contact Information: - County | BRYAN |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2900 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3750 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | N/A |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2900 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3750 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | N/A |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 435000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 450000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 525000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 562500 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 600000 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | N/A |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.163 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 193.871 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/29/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | SELF |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | DURANT |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|--------|---|---|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 193.871 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | DURANT |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | N/A |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 103 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 87 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 24 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | LINE UP GRADE |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Town of Carter |
| 1.2.1 | PWSID Number | 3000501 |
| 1.2.2 | PWSID Number | 3000501 |
| 1.3.1 | Contact Information: - Name | Debbie Wimberly |
| 1.3.2 | Contact Information: - Title | Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-486-3205 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 239 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Carter |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73627 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 S. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Carter |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73627 |
| 1.3.11 | Contact Information: - County | Beckham |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 27 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 325 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 328 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 343 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 358 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 373 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 137 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 140 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 155 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 170 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 185 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 19190 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 37190 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 127190 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 217190 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 307190 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2004 |
| 3.10.1 | Source of estimated percentages | Billing Report |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Beckham County RWD #4 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 800962 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 40 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 40 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Installation of new water lines and fire hydrants to replace existing service. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Atoka County RWD #2 |
| 1.2.1 | PWSID Number | 3000306 |
| 1.2.2 | PWSID Number | 3000306 |
| 1.3.1 | Contact Information: - Name | Marty Coates |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.889.7601 |
| 1.3.4 | Contact Information: - E-Mail Address | coates2h@atoka.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 195 W. Boggy Deput Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Atoka |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74525 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 195 W. Boggy Depot Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Atoka |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74525 |
| 1.3.11 | Contact Information: - County | Atoka |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 320 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.08 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.15 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 28.8 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Atoka |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Atoka RWD #4 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 28.8 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Lacey Moore |
| 1.2.1 | PWSID Number | 3000303 |
| 1.2.2 | PWSID Number | 3000303 |
| 1.3.1 | Contact Information: - Name | Lacey Moore |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580.239.1961 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 105 Pecan |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO Box 98 Stringtown |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74569 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 Pecan Stringtown OK |
| 1.3.9 | Contact Information: - Physical Address (City) | 74569 |
| 1.3.11 | Contact Information: - County | Atoka |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1350 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 420 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 442 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 459 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 476 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.093 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.098 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.102 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.106 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 34126240 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water #4 Atoka |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 34126240 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Rural Water #4 Atoka |
| 6.8.10 | Type of treatment plant | None |

| | | |
|--------|--|---|
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | None |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | None |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | None |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | None |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 100 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.8 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Some Parts of system need to e replaced and or need to be larger in size of lines |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Burlington |
| 1.2.1 | PWSID Number | 3000202 |
| 1.2.2 | PWSID Number | 3000202 |
| 1.3.1 | Contact Information: - Name | Robert Hyde |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.431.2550 |
| 1.3.4 | Contact Information: - E-Mail Address | townhall@sctelcom.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 603 Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Burlington |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73722 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Burlington |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73722 |
| 1.3.11 | Contact Information: - County | Alfalfa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 156 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 150 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 125 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 125 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 95 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 95 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 90 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 90 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 90 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.025 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.025 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.025 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.025 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.025 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 0.025 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 28000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 15 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Alfalfa Co Rural Water District |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 15 |

| | | |
|--------|---|---------------------------------|
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 14 |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | 1.5 |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | 1.6 |
| 7.11.4 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | 1.85 |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | westville Utility Authority |
| 1.2.1 | PWSID Number | 3000109 |
| 1.2.2 | PWSID Number | 3000109 |
| 1.3.1 | Contact Information: - Name | Rachelle McGowen |
| 1.3.2 | Contact Information: - Title | office manager |
| 1.3.3 | Contact Information: - Phone Number | 918-723-5512 |
| 1.3.4 | Contact Information: - E-Mail Address | westvilleutility@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box117 |
| 1.3.6 | Contact Information: - Mailing Address (City) | westville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74965 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 221 S. Williams |
| 1.3.9 | Contact Information: - Physical Address (City) | Westville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74965 |
| 1.3.11 | Contact Information: - County | Adair |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2010 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 814 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 900 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.25 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.25 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.3 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.244 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 67.9 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 67 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.10.1 | Source of estimated percentages | self estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Benton/Washington Regional Public Facility Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.3 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Some of each | Some of each |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.7 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |

| | | |
|--------|--|---|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 9 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water tower for storage |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Watts Public Works Authority |
| 1.2.1 | PWSID Number | OK3000108 |
| 1.2.2 | PWSID Number | 3000108 |
| 1.3.1 | Contact Information: - Name | Darryl king |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918.422.5924 |
| 1.3.4 | Contact Information: - E-Mail Address | wattspwa@centurytel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 70 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Watts |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74964 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 220 Second Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Watts |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74964 |
| 1.3.11 | Contact Information: - County | Adair |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 27.67 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Adair County Rural Water & Sewer Dist. 3 |
| 1.2.1 | PWSID Number | 3000106 |
| 1.2.2 | PWSID Number | 3000106 |
| 1.3.1 | Contact Information: - Name | Gordon Minor |
| 1.3.2 | Contact Information: - Title | Sec/Treas |
| 1.3.3 | Contact Information: - Phone Number | 918.778.3448 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 2, Box 163 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Westville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74965 |
| 1.3.11 | Contact Information: - County | Adair |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19.49 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 900 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 960 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/21/2007 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Stilwell ADA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 63.77214 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 180 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Wynona Municipal Authority |
| 1.2.1 | PWSID Number | 2205709 |
| 1.2.2 | PWSID Number | 2205709 |
| 1.3.1 | Contact Information: - Name | Tennie Slone |
| 1.3.2 | Contact Information: - Title | Utility Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-846-2526 |
| 1.3.4 | Contact Information: - E-Mail Address | twynona@aol.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 580 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wynona |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74084 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 307 W Osage St |
| 1.3.9 | Contact Information: - Physical Address (City) | Wynona |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74084 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 531 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 241 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 37000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 43,278 gallons |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10853789 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | U S Census 2000 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 9000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 10853789 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 39815 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | not bad leakage problems |

| | | |
|--------|--|---------------------------------|
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Sharon LG.CDM |
| 1.2.1 | PWSID Number | 2007741 |
| 1.2.2 | PWSID Number | 2007741 |
| 1.3.1 | Contact Information: - Name | Don Griffith |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580-254-8235 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 319 Trotter |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sharon |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73857 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 319 Trotter |
| 1.3.9 | Contact Information: - Physical Address (City) | Sharon |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73857 |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 125 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 125 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 125 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 125 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 125 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 77 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 77 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 80 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 80 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 80 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8976628 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 81 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 18 |
| 3.10.1 | Source of estimated percentages | 07 Billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 40 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 38 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 25000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 9 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| | | |
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| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
|-------|---|---------------------------------|

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Mooreland |
| 1.2.1 | PWSID Number | 2007709 |
| 1.2.2 | PWSID Number | 2007709 |
| 1.3.1 | Contact Information: - Name | Karl Roundtree |
| 1.3.2 | Contact Information: - Title | PW Director |
| 1.3.3 | Contact Information: - Phone Number | 580-994-5590 |
| 1.3.4 | Contact Information: - E-Mail Address | klround@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 157 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 212 S. Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Mooreland |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73852 |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1230 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1270 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1330 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1370 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 600 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 610 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 638 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 658 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.305 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.319 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.329 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 109.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.10.1 | Source of estimated percentages | Average |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 22 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.05 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 75 |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Nitrate reduction plant |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | New wells |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |

| | | |
|--------|---|---------------------------------|
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Possible new wells |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 13 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Quinlan Community Rural Water District Number 1 |
| 1.2.1 | PWSID Number | 2007708 |
| 1.2.2 | PWSID Number | 2007708 |
| 1.3.1 | Contact Information: - Name | Wayne M. Johnson |
| 1.3.2 | Contact Information: - Title | President |
| 1.3.3 | Contact Information: - Phone Number | 580-697-3389 |
| 1.3.4 | Contact Information: - E-Mail Address | waynej@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Route 2 Box 80 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mooreland, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73852 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Same |
| 1.3.9 | Contact Information: - Physical Address (City) | Same |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | Same |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 91 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 32.3 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 29.3 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 98 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.108 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.072 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.108 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.072 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.043 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.009 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.099 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.069 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 15.61 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 3.29 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1990 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 2005 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1990 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 2005 |
| 6.8.10 | Type of treatment plant | Chlorination |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|--|---|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 57 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Construct 6 of 6" line and 2 of 4" line to increase the volume of water to the eastern end of the system so growth will be possible |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Dewey County RW&SSWM District 3 |
| 1.2.1 | PWSID Number | 2007707 |
| 1.2.2 | PWSID Number | 2007707 |
| 1.3.1 | Contact Information: - Name | Oval Cutsinger |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580.571.2169 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd3dewweyco@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 118 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mutual |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73853 |
| 1.3.8 | Contact Information: - Physical Address (Street) | EW54 NS 215 |
| 1.3.9 | Contact Information: - Physical Address (City) | Mutual |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73853 |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R-owrb |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 684 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 297 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 59925 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 43 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 51 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 13 |
| 3.10.1 | Source of estimated percentages | Historic data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 610 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 48361100 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Line replacement |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 300 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 9 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Most of it is glue joint pipe |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We are in line for a grant to replace some old lines |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Woodward Co. RWD #1 |
| 1.2.1 | PWSID Number | OK2007706 |
| 1.2.2 | PWSID Number | 2007706 |
| 1.3.1 | Contact Information: - Name | Duane Henderson |
| 1.3.2 | Contact Information: - Title | Sec - Treas |
| 1.3.3 | Contact Information: - Phone Number | 580.994.2223 |
| 1.3.4 | Contact Information: - E-Mail Address | PO Box 267 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Mooreland |
| 1.3.6 | Contact Information: - Mailing Address (City) | 73852 |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 375 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 450 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 525 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 106 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 115 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 125 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 135 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 140 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 568 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 580 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 590 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 600 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 610 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 47 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 47 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 19 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.10.1 | Source of estimated percentages | usage history |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Cargill Salt Co |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Freedom |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | alabaster Caverns St Park |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 15500000 |

| | | |
|----------|--|---|
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 9000000 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 582400 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 6 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 820 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 300 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 47000000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.1759 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 432000 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 72000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 500000 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 100000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 100000 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 25000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 36500000 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 10000000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1998 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 1968 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.10 | Type of treatment plant | chlorination |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | REAP grant applied 2007 for new well |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Line upgrades |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Need another well |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Upgrade pipe size |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 55 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 50 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Protect water rights for new users - years to come. |
| Comments | | 25000000 of wholesale provided |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City Of Woodward |
| 1.2.1 | PWSID Number | 2007701 |
| 1.2.2 | PWSID Number | 2007701 |
| 1.3.1 | Contact Information: - Name | ed lairo |
| 1.3.2 | Contact Information: - Title | water supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-254-8554 |
| 1.3.4 | Contact Information: - E-Mail Address | elaird@city of woodward.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1219 8th |
| 1.3.6 | Contact Information: - Mailing Address (City) | woodward |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73801 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1219 8th |
| 1.3.9 | Contact Information: - Physical Address (City) | woodward |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73801 |
| 1.3.11 | Contact Information: - County | woodward |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.32 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 15000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 16000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 17000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 18000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 19000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5500 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5550 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5600 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5650 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 5.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 6.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 7.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 8.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 9.2 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/23/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 104 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1905 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 55 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | reports |

| | | |
|---------|--|---|
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | terra |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | bison |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Wm Skey |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Ft. Supply PWA |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NW Center Behavioral Health |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.68 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.06 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.04 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.01 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 451000 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.4.5 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Raw (needs treatment) | Raw (needs treatment) |
| 4.4.8 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Raw (needs treatment) | Raw (needs treatment) |
| 5.1.1 | Total number of groundwater permits issued to provider | 19 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 62 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 30 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1905126110 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | NO |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Putting in new wells & Lakes |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 375.27 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 2.11 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |

| | | |
|--------|---|---------------------------|
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|--------------------------------|
| 1.1.1 | Provider Name | Waynoka Utility Authority |
| 1.2.1 | PWSID Number | 2007604 |
| 1.2.2 | PWSID Number | 2007604 |
| 1.3.1 | Contact Information: - Name | Thomas L. " Chip" Outhier, Jr. |
| 1.3.2 | Contact Information: - Title | City Admin. |
| 1.3.3 | Contact Information: - Phone Number | 580-824-2261 |
| 1.3.4 | Contact Information: - E-Mail Address | waynokactymngr@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1759 Cecil Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Waynoka |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73860 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1759 Cecil Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Waynoka |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73860 |
| 1.3.11 | Contact Information: - County | Woods |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Alva |
| 1.2.1 | PWSID Number | OK2007603 |
| 1.2.2 | PWSID Number | 2007603 |
| 1.3.1 | Contact Information: - Name | Russell Murrow |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580 327 3342 |
| 1.3.4 | Contact Information: - E-Mail Address | water@alvaok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 705 Meno |
| 1.3.6 | Contact Information: - Mailing Address (City) | Alva |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73717 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 3 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2661 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1500000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 35682750 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | NONE |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | WOODS COUNTY #3 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | WOODS COUNTY #1 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | DACOMA PWA |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4656680 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3551400 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 636620 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 13 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 35682750 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Emergency Power Facility that has no additional capacity. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 25 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |

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| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|--------------------------------|
| 1.1.1 | Provider Name | Washita County RWD #2 |
| 1.2.1 | PWSID Number | 2007511 |
| 1.2.2 | PWSID Number | 2007511 |
| 1.3.1 | Contact Information: - Name | Duane Payne |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-929-7264 |
| 1.3.4 | Contact Information: - E-Mail Address | wcrwd2@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 128 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Colony |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73021-0128 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 80 N Watan |
| 1.3.9 | Contact Information: - Physical Address (City) | Colony |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73021-0128 |
| 1.3.11 | Contact Information: - County | Washita |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1114 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1158 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1316 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1447 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1591 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 699 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 727 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 799 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 878 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 965 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 195000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 202800 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 224000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 247000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 272000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 252000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 71071000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 25 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 73 |
| 3.10.1 | Source of estimated percentages | Office Data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Bessie |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1648000 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 640 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 14214000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 71071000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 34 |

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|--------|--|---------------------------------|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 380 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 21 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 77 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | TOWN OF BURNS FLAT |
| 1.2.1 | PWSID Number | 2007505 |
| 1.2.2 | PWSID Number | 2007505 |
| 1.3.1 | Contact Information: - Name | BILLY YARBROUGH |
| 1.3.2 | Contact Information: - Title | TOWN ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 580.562.3144 |
| 1.3.4 | Contact Information: - E-Mail Address | burnsflatok@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 410 |
| 1.3.6 | Contact Information: - Mailing Address (City) | BURNS FLAT |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73624 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 331 HWY 44 |
| 1.3.9 | Contact Information: - Physical Address (City) | BURNS FLAT |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73624 |
| 1.3.11 | Contact Information: - County | WASHITA |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Canute PWA |
| 1.2.1 | PWSID Number | 2007503 |
| 1.2.2 | PWSID Number | 2007503 |
| 1.3.1 | Contact Information: - Name | Dan Price |
| 1.3.2 | Contact Information: - Title | Water/Sewer Supt |
| 1.3.3 | Contact Information: - Phone Number | 580.472.3111 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 220 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Canute |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73626 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 604 Willard |
| 1.3.9 | Contact Information: - Physical Address (City) | Canute |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73626 |
| 1.3.11 | Contact Information: - County | Washita |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.48 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 528 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 570 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 635 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 670 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 261 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 275 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 297 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 319 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05137 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.054125 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.058455 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 2/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.182 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18750000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.10.1 | Source of estimated percentages | Monthly |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | TLC Rentals |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | K&K Oilfield |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | B&B Hydro Seeding |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 843465 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 489600 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2000 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

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| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Tillman County Rural Water District # 1 |
| 1.2.1 | PWSID Number | 2007107 |
| 1.2.2 | PWSID Number | 2007107 |
| 1.3.1 | Contact Information: - Name | Ricky Strecker |
| 1.3.2 | Contact Information: - Title | General Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-597-3097 |
| 1.3.4 | Contact Information: - E-Mail Address | tcrawd@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 160 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Chattanooga, Oklahoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73528 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 204 3rd Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Chattanooga, Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73528 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12.6 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 650 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.146 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 59 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 13 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 17 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.10.1 | Source of estimated percentages | System Analysis Program |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Faxon |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Hollister |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4.5065 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.7909 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Frederick |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 26 |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 229 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 50 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 34 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 44 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 700 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 50 |

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| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 25 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Develop new water wells. Construct new booster pump station and install SCADA system |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Grandfield |
| 1.2.1 | PWSID Number | OK2007103 |
| 1.2.2 | PWSID Number | 2007103 |
| 1.3.1 | Contact Information: - Name | Randy Clark |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-479-5215 |
| 1.3.4 | Contact Information: - E-Mail Address | grandman@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 360 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Grandfield |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73546 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 223 S. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Grandfield |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73546 |
| 1.3.11 | Contact Information: - County | Tillman |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Control of water waste by ordinance |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1140 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1160 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1170 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 703 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 750 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 750 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 755 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 760 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.16 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.17 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.18 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.18 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.19 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 339270 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 70.251 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Self-provided and census |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.2 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Conservation Plan |
| 3.7.3 | Method used to project annual average daily water demands (check all that apply) | Previously completed Drought Management Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 71 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 20 |

| | | |
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| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | Percentage X number of customers |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Devol |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Randlett |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6015 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 19753 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Frederick Public Works |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 34344 |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 928 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 6 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0164 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 35.907 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.1188 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Booster pump on lake; water delivery line |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.75 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Some water loss; turburculation of steel lines |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Construct a booster pump on the water supply line between Frederick and Grandfield to increase gpm of lkae water to fully utilize groundwater supply |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Reservoir construction to cater to Texas |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Tipton Public Works |
| 1.2.1 | PWSID Number | OK2007101 |
| 1.2.2 | PWSID Number | 2007101 |
| 1.3.1 | Contact Information: - Name | Jeff Marshall |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580-667-5211 |
| 1.3.4 | Contact Information: - E-Mail Address | manitousooner@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 460 200 S. Broadway |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tipton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73570 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 200 S Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Tipton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73570 |
| 1.3.11 | Contact Information: - County | Tillman |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 916 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 442 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 90000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 157500 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 21850000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Annual Groundwater Use Report |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Frederick Public Works |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 13359800 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.09 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0.09 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | City of Frederick/Frederick Lake |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 65000 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Frederick Lake |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 1 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | TOWN OF TYRONE |
| 1.2.1 | PWSID Number | 2007013 |
| 1.2.2 | PWSID Number | 2007013 |
| 1.3.1 | Contact Information: - Name | JERRY SCHROEDER |
| 1.3.2 | Contact Information: - Title | CHIEF OF POLICE |
| 1.3.3 | Contact Information: - Phone Number | 580-854-6400 |
| 1.3.4 | Contact Information: - E-Mail Address | tyronepd@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 234 |
| 1.3.6 | Contact Information: - Mailing Address (City) | TYRONE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73951 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 WEST MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | TYRONE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73951 |
| 1.3.11 | Contact Information: - County | TEXAS |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 881 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 881 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 900 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 900 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 330 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 330 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 330 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 330 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 330 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.235 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.235 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.235 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.235 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.245 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.445 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | US CENSUS |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | DAILY METER READINGS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 6.5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.235 |

| Question # | Question | Answer |
|------------|---|--------------------------------|
| 1.1.1 | Provider Name | Texas Co RWD #1 |
| 1.2.1 | PWSID Number | 2007010 |
| 1.2.2 | PWSID Number | 2007010 |
| 1.3.1 | Contact Information: - Name | Gilbert R Mires |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580.253.6325 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 568 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Adams |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73901 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5 Main St |
| 1.3.9 | Contact Information: - Physical Address (City) | Adams |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73901 |
| 1.3.11 | Contact Information: - County | Texas |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | None |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 250 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 250 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 250 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 70 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 70 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 70 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 70 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 70 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.037 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.037 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.037 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.037 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.037 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 0.037 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 24 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.018 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 13.5 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |

| | | |
|--------|--|---------------------------------|
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Texhoma Public Works Authority |
| 1.2.1 | PWSID Number | 2007009 |
| 1.2.2 | PWSID Number | 2007009 |
| 1.3.1 | Contact Information: - Name | Trent Bolin |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-423-7341 |
| 1.3.4 | Contact Information: - E-Mail Address | tpwa@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 309 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Texhoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73949 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 S. 2nd Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Texhoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73949 |
| 1.3.11 | Contact Information: - County | Texas |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 936 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 470 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 237000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 501000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 86836000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 33 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 6 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 86 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 6 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 6 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 235616 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 501000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 86836000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 40 |
| 6.8.10 | Type of treatment plant | Chlorine Treatment |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Elevated Storage Tank |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.501893939 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |

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|--------|---|---------------------------------|
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Hooker, OK |
| 1.2.1 | PWSID Number | 2007006 |
| 1.2.2 | PWSID Number | 2007006 |
| 1.3.1 | Contact Information: - Name | Forest Osborn |
| 1.3.2 | Contact Information: - Title | City Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-652-2885 |
| 1.3.4 | Contact Information: - E-Mail Address | hookerpw@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 67 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hooker |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73945 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 S. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Hooker |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73945 |
| 1.3.11 | Contact Information: - County | Texas |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1900 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 800 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 825 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 850 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 900 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 500000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 502500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 505000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 506000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 507000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 122693000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 884 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.17 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 123 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 43 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Goodwell |
| 1.2.1 | PWSID Number | 2007005 |
| 1.2.2 | PWSID Number | 2007005 |
| 1.3.1 | Contact Information: - Name | Levi Bickford |
| 1.3.2 | Contact Information: - Title | Maintance Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580.349.2566 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 759 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Goodwell |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73939 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 104 S Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Goodwell |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73939 |
| 1.3.11 | Contact Information: - County | Texas |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1198 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1250 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 750 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 310 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 325 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 260 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 195 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 130 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.15 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.1573 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.12584 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.09438 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.6292 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 482000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 51.694 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 79 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | Account Categorization |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 583 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 155 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 51694 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 272125 |

| | | |
|--------|--|---------------------------------|
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 3 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 45 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 50 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 1 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Guymon |
| 1.2.1 | PWSID Number | OK2007003 |
| 1.2.2 | PWSID Number | 2007003 |
| 1.3.1 | Contact Information: - Name | Ted Graham |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-338-0137 |
| 1.3.4 | Contact Information: - E-Mail Address | citymgr@guymonok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 219 N.W.4th |
| 1.3.6 | Contact Information: - Mailing Address (City) | Guymon |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73942 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 219 N.W.4th |
| 1.3.9 | Contact Information: - Physical Address (City) | Guymon |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73942 |
| 1.3.11 | Contact Information: - County | Texas |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 13500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 14650 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 18460 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 18968 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 34616 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 4368 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4554 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5174 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5794 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7654 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 5.28 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 7.94 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1927.5 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 29 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 58 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | TripleJ&D L.L.C |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | A&E Mobile Homes |

| | | |
|---------|--|--|
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SISCO MHP |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Floyd Darnell MHP |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Southwinds RV Park |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6.47 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.5 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.97 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.86 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.58 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 17 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1.04 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1927.48 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 2.22 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 57 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 13.5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 9.3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 12 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 32 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 25 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | we have several 2" steel line in the older parts of town that are in need of replacement. We need to have several valves 4"-6" replaced, along with several old fire hydrants needing replaced |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 3 new water wells, 1-1million gallon storage tank and pump station, and approx 6 of 16" and 12" distribution lines to meet the increasing water consumption demand. |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 730 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 2 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |

| | | |
|--------|---|---------------------------|
| 7.5.3 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | 2 |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of optima |
| 1.2.1 | PWSID Number | ok2007001 |
| 1.2.2 | PWSID Number | 2007001 |
| 1.3.1 | Contact Information: - Name | town of optima |
| 1.3.2 | Contact Information: - Title | clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-338-0644 |
| 1.3.4 | Contact Information: - E-Mail Address | optimath@ptsl.netrt. |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt.1 Box 176 |
| 1.3.6 | Contact Information: - Mailing Address (City) | optima |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73945 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 204 |
| 1.3.9 | Contact Information: - Physical Address (City) | s. lincoln |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73945 |
| 1.3.11 | Contact Information: - County | texas |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 375 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 425 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 450 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 113 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 125 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 130 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 135 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.02 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.03 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.03 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.05 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.06 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/24/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.029 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.10.1 | Source of estimated percentages | meter readings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20.5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 40000 per hour |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 6.6 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| | | |
|--------|--|---|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 40000 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 38000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 40000 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 38000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 28723.66 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 6722760 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1975 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 2000 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 2007 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6.5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 7 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 93 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | addition of 1 blk 6" line |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Stephens Co RWD #5 |
| 1.2.1 | PWSID Number | 2006969 |
| 1.2.2 | PWSID Number | 2006969 |
| 1.3.1 | Contact Information: - Name | Brett Kimbro |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.658.6109 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 52 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Marlow, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73055 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 3201 S. Railroad |
| 1.3.9 | Contact Information: - Physical Address (City) | Marlow, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73055 |
| 1.3.11 | Contact Information: - County | Stephens |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3635 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6635 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 16645 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 26645 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 46645 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1454 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2654 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6654 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10654 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 22654 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 500000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1000000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 665000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Comanche Co. RWD #3 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Duncan |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 365 |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 800 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 3 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 15 |

| | | |
|--------|--|--|
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.432 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 160 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 500 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 100 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 160 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 70 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New (illegible) Two Boosted (illegible) 1 Well |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Marlow |
| 1.2.1 | PWSID Number | 2006907 |
| 1.2.2 | PWSID Number | 2006907 |
| 1.3.1 | Contact Information: - Name | Janice Cain& Robert Mann |
| 1.3.2 | Contact Information: - Title | City Adm. & Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-658-5401 |
| 1.3.4 | Contact Information: - E-Mail Address | jcain@marlow.k12.ok.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O Box 113 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 N. 2nd |
| 1.3.9 | Contact Information: - Physical Address (City) | Marlow |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73055 |
| 1.3.11 | Contact Information: - County | Stephens |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5040 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5140 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2288 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2419 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2448 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2467 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.715 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.755 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.766 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.772 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2997 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.25 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 260.9 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 65 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 15 |
| 3.10.1 | Source of estimated percentages | Utility/city use estimated |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 28 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 180 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 260.9 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.714 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.25 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 260.9 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.10 | Type of treatment plant | Gas Chlorination |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |

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| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 900000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 23 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 24 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 40 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Stephens Co RWS & SWM, Dist 3 |
| 1.2.1 | PWSID Number | 2006905 |
| 1.2.2 | PWSID Number | 2006905 |
| 1.3.1 | Contact Information: - Name | David L Perkins |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-439-5931 |
| 1.3.4 | Contact Information: - E-Mail Address | meridian@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 276 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Comanche |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73529 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Rt 2 Blue Water Towers |
| 1.3.9 | Contact Information: - Physical Address (City) | Comanche |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73529 |
| 1.3.11 | Contact Information: - County | Stephens |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1610 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1650 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 585 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 600 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | |
| 3.5.1 | Total Water Produced in 2007 (MG) | 50662371 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 69 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 31 |
| 3.10.1 | Source of estimated percentages | Sales Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Comanche |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 57856000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 865 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 30 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.074 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 27251900 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.08 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 29377430 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 200919.55 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.75 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

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| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 7 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Seminole |
| 1.2.1 | PWSID Number | 2006720 |
| 1.2.2 | PWSID Number | 2006720 |
| 1.3.1 | Contact Information: - Name | Mike Grant |
| 1.3.2 | Contact Information: - Title | Public Works Director 405/382-4330 x220 |
| 1.3.3 | Contact Information: - Phone Number | mike@seminole-oklahoma.net |
| 1.3.4 | Contact Information: - E-Mail Address | 401 North Main |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 1218 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Seminole |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74818-1218 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 401 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Seminole |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74868 |
| 1.3.11 | Contact Information: - County | Seminole |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7480 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 8228 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9050 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 9955 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2614 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2875 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3162 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3478 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3825 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.857 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.14 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.33 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.526 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.74 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 312 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2005 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tri-County Rural Water District |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 414000 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 957 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 22 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 312 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 957 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |

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| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Raw water reservoir infrastructure planned, but no funding. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Sasakwa RWD |
| 1.2.1 | PWSID Number | OK2006708 |
| 1.2.2 | PWSID Number | 2006708 |
| 1.3.1 | Contact Information: - Name | Kay Byerly |
| 1.3.2 | Contact Information: - Title | Clerk |
| 1.3.3 | Contact Information: - Phone Number | 405-379-2674 |
| 1.3.4 | Contact Information: - E-Mail Address | k.byerly@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 323 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sasakwa |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 75867 |
| 1.3.9 | Contact Information: - Physical Address (City) | Sasakwa |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74867 |
| 1.3.11 | Contact Information: - County | Seminole |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 4 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 288 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 325 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 350 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 72 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 75 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 80 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 85 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 90 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 12932 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 13300 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 15000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 18000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 20000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2360131 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 0 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.10.1 | Source of estimated percentages | BILLING |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |

| | | |
|--------|--|--|
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 23000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 2360131 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 23000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 23000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 23000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 35000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 2360131 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1968 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.10 | Type of treatment plant | SAND FILTER |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | FEES |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | DRILL 2 NEW WELLS |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | REPLACE OLD WATER LINES, MODERNIZATION |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | NO |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | DRILL 2 NEW WELLS, WITH NEW WELL HOUSE |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | CONCERNS ON AGRICULTURAL LAND CONTAMINANTS |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | KPWA |
| 1.2.1 | PWSID Number | 2006704 |
| 1.2.2 | PWSID Number | 2006704 |
| 1.3.1 | Contact Information: - Name | Rita Lopresto |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580 925-3775 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofkonawa@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 122 N. Broadway |
| 1.3.6 | Contact Information: - Mailing Address (City) | Konawa |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74849 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 122 N. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Konawa |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74849 |
| 1.3.11 | Contact Information: - County | Seminole |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1469 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1546 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1603 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1662 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1828 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 425 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.109 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/26/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.138 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 45.8 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | U.S. Census Bureau |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Last year's monthly operating report |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 55 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 45 |
| 3.10.1 | Source of estimated percentages | Last year's data from city records and mor data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 9 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.018 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 45.8 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.15 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.15 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.109 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.138 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 39647900 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1945 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1988 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |

| | | |
|--------|--|---|
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | a new filtering system, new supply lines from wells to town |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | our distribution system is very old and in need of some serious repairs we have repaired leaks where there were already multiple clamp repairs already in place and had to just place another next to the existing repairs due to lack of funding to replace piping. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We really want to do some upgrading to our system but the funding for it is just not available! |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | in completion of this survey we would just like to say we are but a small town, striving to do the best we can and are making every effort possible to provide the highest quality water source for our citizens for their uses. If you may be able to help us in any way at all it would be greatly appreciated to the utmost extent. Thanks so MUCH!!!! |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Bowlegs-Lima Water District, Inc. |
| 1.2.1 | PWSID Number | OK2006701 |
| 1.2.2 | PWSID Number | 2006701 |
| 1.3.1 | Contact Information: - Name | Carl Nelson |
| 1.3.2 | Contact Information: - Title | President |
| 1.3.3 | Contact Information: - Phone Number | 405-398-4469 |
| 1.3.4 | Contact Information: - E-Mail Address | bowlegslimawater@mbo.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 5 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bowlegs |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74830-0005 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 133 N Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Bowlegs |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74830 |
| 1.3.11 | Contact Information: - County | Seminole |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11.17 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Red Star Rural Water Dist |
| 1.2.1 | PWSID Number | 2006505 |
| 1.2.2 | PWSID Number | 2006505 |
| 1.3.1 | Contact Information: - Name | John Britton |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.488.2900 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 155 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Leedey, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73654 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Highway 47 & RM NS199 |
| 1.3.11 | Contact Information: - County | Roger Mills |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 812 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 832 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 862 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 922 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 309 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 315 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 325 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 340 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 400 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | Pasture Accounts from 2007 to 2060(223, 229, 244, 264, 340) |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.281 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.285 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.292 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.302 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.323 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 509300 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 102.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 40 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 14 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 18 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 25 |
| 3.10.1 | Source of estimated percentages | actual pumped and charged |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Leedey |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 18231 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 6 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 830 |

| | | |
|--------|--|---|
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 7 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 28.1 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.103 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 102.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 37.9 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.721 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 280.8 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.509 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 102.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1976 |
| 6.8.10 | Type of treatment plant | chlorination only |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 242 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 9 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 14 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 10 6" main line 8 4" main line 2 new wells |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Roger Mills County Rural Water, Sewer, & Solid Waste Management District No. 1 |
| 1.2.1 | PWSID Number | 2006502 |
| 1.2.2 | PWSID Number | 2006502 |
| 1.3.1 | Contact Information: - Name | Jana D. Maddux |
| 1.3.2 | Contact Information: - Title | Secretary |
| 1.3.3 | Contact Information: - Phone Number | 580-497-2656 |
| 1.3.4 | Contact Information: - E-Mail Address | jmadduxfarm@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 833 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Cheyenne |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73628 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Hwy. 33 |
| 1.3.9 | Contact Information: - Physical Address (City) | Strong City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73628 |
| 1.3.11 | Contact Information: - County | Roger Mills |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Tricounty Rural Water District #2 |
| 1.2.1 | PWSID Number | OK2006362 |
| 1.2.2 | PWSID Number | 2006362 |
| 1.3.1 | Contact Information: - Name | Jeff Doherty |
| 1.3.2 | Contact Information: - Title | Operations Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-997-5390 |
| 1.3.4 | Contact Information: - E-Mail Address | tricountyrwd2@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO box 118 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Earlsboro |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74840 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 Seminole Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Earlsboro |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74840 |
| 1.3.11 | Contact Information: - County | Pottawanamie |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | St. Louis Utility Co. |
| 1.2.1 | PWSID Number | 2006304 |
| 1.2.2 | PWSID Number | 2006304 |
| 1.3.1 | Contact Information: - Name | Natalie Holt |
| 1.3.2 | Contact Information: - Title | Secretary |
| 1.3.3 | Contact Information: - Phone Number | 405.289.3349 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 177 |
| 1.3.6 | Contact Information: - Mailing Address (City) | St. Louis |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74866 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 34173 St. Louis Road |
| 1.3.9 | Contact Information: - Physical Address (City) | St. Louis |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74866 |
| 1.3.11 | Contact Information: - County | Pottawatomie |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 384 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 96 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 418.27 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 5019.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | We have a contract for all the water we will require |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 4 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 40 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 5019.2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 18 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of McCloud |
| 1.2.1 | PWSID Number | 2006301 |
| 1.2.2 | PWSID Number | 2006301 |
| 1.3.1 | Contact Information: - Name | Kay Heinz |
| 1.3.2 | Contact Information: - Title | City Clerk/Treasure |
| 1.3.3 | Contact Information: - Phone Number | 405 964-5264 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 300 |
| 1.3.6 | Contact Information: - Mailing Address (City) | McCloud |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74851 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 107 N Main St |
| 1.3.9 | Contact Information: - Physical Address (City) | McCloud |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74851 |
| 1.3.11 | Contact Information: - County | Pottawatomie |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2512 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2607 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2705 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2913 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5204 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 566 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 595 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 625 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 689 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1065 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 166.9 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 175.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 184.3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 203.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 314 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 4/24/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 503.9 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 60917.8 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | City Mangers estimation |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | estimated population growth |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | City Manager, Mike Winningham |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 15229.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 60917.8 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | All N/A |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | need a water storage tower in the South part of town. |

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|--------|--|---|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 11 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 35 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 15 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | All N/A |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Do not sell our water out of state. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | If water is sold out of state, the proceeds should go to the area of the source of the water. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pontotoc County Rural Water Dist #8 |
| 1.2.1 | PWSID Number | 2006215 |
| 1.2.2 | PWSID Number | 2006215 |
| 1.3.1 | Contact Information: - Name | Todd Ray |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-436-3065 |
| 1.3.4 | Contact Information: - E-Mail Address | toddray@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 127 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ada, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74820 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 13992 County Rd. 1555 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ada, Ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74820 |
| 1.3.11 | Contact Information: - County | Pontotoc |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3480 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3480 |

| Question # | Question | Answer |
|------------|--|---------------------------------|
| 1.1.1 | Provider Name | FRANCIS |
| 1.2.1 | PWSID Number | OK2006205 |
| 1.2.2 | PWSID Number | 2006205 |
| 1.3.1 | Contact Information: - Name | Town of Francis |
| 1.3.2 | Contact Information: - Title | Clerk / Treasurer |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 10 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Francis , Okla. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74844 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 121 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Francis, Okla. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74844 |
| 1.3.11 | Contact Information: - County | Pontotoc |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 168 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 170 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 170 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 14.825 Mil. |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.9Mil |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14.825 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 80 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 14.825 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 14.825 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2001 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2001 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Ada |
| 1.2.1 | PWSID Number | 2006201 |
| 1.2.2 | PWSID Number | 2006201 |
| 1.3.1 | Contact Information: - Name | Shelly Bailey |
| 1.3.2 | Contact Information: - Title | Administrative Secretary |
| 1.3.3 | Contact Information: - Phone Number | 580-436-8133 |
| 1.3.4 | Contact Information: - E-Mail Address | shelly.bailey@adaok.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 231 S. Townsend |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ada |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74820 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Pontotoc |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 25000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 27336 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 31725 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 36818 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 57549 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 9951 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 10252 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 11898 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 13808 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 21582 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 5.8 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 6 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 7 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 8.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 12.8 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/30/1905 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 9.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2117 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | current growth trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD#7 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD#6 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD#9 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD#3 |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD#1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.14.5 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 153 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 59 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 33 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 10 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 9241 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 2.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 6.9 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Byrd's Mill Spring (priority) |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Byrd's Mill Spring (appropriation) |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3411 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 5340 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 60 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 12 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 12 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.5 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 7.7 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1639 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1920 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.10 | Type of treatment plant | chlorination only |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | additional treatment facility |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | n/a |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 7 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | construction of reservoir |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | new pipeline from spring |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 62 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 35 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |

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|--------|---|------------------------------------|
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | replacing lines annually as needed |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Cushing Municipal Authority |
| 1.2.1 | PWSID Number | OK2006061 |
| 1.2.2 | PWSID Number | 2006061 |
| 1.3.1 | Contact Information: - Name | Stephen Spears |
| 1.3.2 | Contact Information: - Title | General Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-225-2395 |
| 1.3.4 | Contact Information: - E-Mail Address | engineer@cityofcushing.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 311 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Cushing |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74023 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 Judy Adams Blvd |
| 1.3.9 | Contact Information: - Physical Address (City) | Cushing |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74023 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 8371 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 9510 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10240 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 11000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 12780 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3842 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4362 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4699 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5049 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5866 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.25 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.35 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.45 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.7 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.6 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 396 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 52 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 24 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |

| | | |
|--------|--|--|
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 19 |
| 3.10.1 | Source of estimated percentages | Billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 10135 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 9 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.121 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 396 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 12 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.1 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.6 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 396 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1998 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.10 | Type of treatment plant | 2006061 Lime Softening |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Installation of additional wells and raw water lines for future growth |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 48 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 23 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 7 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 3 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 60 |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Ripley Public Works Auth. |
| 1.2.1 | PWSID Number | ok2006013 |
| 1.2.2 | PWSID Number | 2006013 |
| 1.3.1 | Contact Information: - Name | Robert Wayne Snyder |
| 1.3.2 | Contact Information: - Title | Utilities Supt. |
| 1.3.3 | Contact Information: - Phone Number | 918-372-4287 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 68 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ripley |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74062 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 203 South Morton |
| 1.3.9 | Contact Information: - Physical Address (City) | Ripley |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74062 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 376 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 385 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 385 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 390 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 390 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 185 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 185 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 190 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 190 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 195 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.054 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.054 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.055 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.056 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.056 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 19710000 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census report |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 9 |
| 3.10.1 | Source of estimated percentages | meter reading book customer accounts |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 9.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 19 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 58 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | 3501-Oscar-Vanoss |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 50000 |

| | | |
|--------|--|---------------------------------|
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 90000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Perkins |
| 1.2.1 | PWSID Number | 2006012 |
| 1.2.2 | PWSID Number | 2006012 |
| 1.3.1 | Contact Information: - Name | Julie Pierson |
| 1.3.2 | Contact Information: - Title | Administrative Assistant |
| 1.3.3 | Contact Information: - Phone Number | 405-547-2445 |
| 1.3.4 | Contact Information: - E-Mail Address | admin@cityofperkins.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 9 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Perkins |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74059 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 110 N Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Perkins |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74059 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23.67 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2272 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1460 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1536 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2700 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.225 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.228 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.234 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.26 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.45 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.271 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2.7 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2025 Perkins Comprehensive Planning Project |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 24 |
| 3.10.1 | Source of estimated percentages | Utility Billing Register/ OWRB Reports |

| | | |
|--------|--|---------------------------------|
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 328 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.23 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 2.7 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 11.25 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 40 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Payne Co. RWD #3 |
| 1.2.1 | PWSID Number | OK2006011 |
| 1.2.2 | PWSID Number | 2006011 |
| 1.3.1 | Contact Information: - Name | Rural Water District #3 |
| 1.3.3 | Contact Information: - Phone Number | 405.707.7100 |
| 1.3.4 | Contact Information: - E-Mail Address | frontdesk@dci.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1748 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Stillwater |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74076 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 8910 S Perkins Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Perkins |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74059 |
| 1.3.11 | Contact Information: - County | Payne Co |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1375 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 550 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 40 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.10.1 | Source of estimated percentages | est |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 40 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 40 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 60 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pawnee County Rural Water Dist #1 |
| 1.2.1 | PWSID Number | 2005931 |
| 1.2.2 | PWSID Number | 2005931 |
| 1.3.1 | Contact Information: - Name | Donald A Topping |
| 1.3.2 | Contact Information: - Title | General Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.243.5451 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt 1, Box 47A |
| 1.3.6 | Contact Information: - Mailing Address (City) | Cleveland |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74020 |
| 1.3.11 | Contact Information: - County | Pawnee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21.9 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3250 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 875 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 905 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.22 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.26 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.42 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.6 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.502 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 79862000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2005 |
| 3.10.1 | Source of estimated percentages | OWRB Annual report/ did add up to 100 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Ballerina Edgewater Park |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Cedars Mobile @Lake Keystone |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Corp of Engineers Parks |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Westport Utility Authority |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Bayside Village Mobile Park/Sherwood Mobile/RV Park |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5754 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1356 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.526 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.28 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.265 |

218800

1441.096

| | | |
|--------|--|---------------------------------|
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 526 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 7.9862 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 245096 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.4 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.5 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.8 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.7682 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 1.419 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.185 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.317 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 28041 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 51821 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1988 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1988 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1998 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 95 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Hallett PWA |
| 1.2.1 | PWSID Number | 2005905 |
| 1.2.2 | PWSID Number | 2005905 |
| 1.3.1 | Contact Information: - Name | Kelly Lindon/Chris Shaver |
| 1.3.2 | Contact Information: - Title | Clerk/water operator |
| 1.3.3 | Contact Information: - Phone Number | 918-356-4335/918-352-1288 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 159 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 385 S. 6th Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Hallett |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74034 |
| 1.3.11 | Contact Information: - County | Pawnee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 168 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 180 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 220 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 70 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 76 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 84 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 92 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.015 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.016 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.018 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.02 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.018 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 5.475 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.055 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 5.47 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9.47 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Kelly Lindon, Clerk, has been with Hallett only 9 days. Water operator was only with Hallett 10 months and has resigned, and she does not know how to find the information. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Jennings |
| 1.2.1 | PWSID Number | 2005904 |
| 1.2.2 | PWSID Number | 2005904 |
| 1.3.1 | Contact Information: - Name | Tommy r. Cyler |
| 1.3.2 | Contact Information: - Title | Water Supt |
| 1.3.3 | Contact Information: - Phone Number | 918-757-4250 |
| 1.3.4 | Contact Information: - E-Mail Address | jenningspwa@cintel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 340 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Jennings |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 7038 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 305 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Jennings |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74038 |
| 1.3.11 | Contact Information: - County | Pawnee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 3 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 425 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 475 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 550 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 170 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 180 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 190 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 190 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.026 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.03 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.03 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.035 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.035 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/23/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.034 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 9 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.10.1 | Source of estimated percentages | Billings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.023 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 8.4 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| | | |
|--------|--|--|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Tower and Pump maintenance |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 38 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 12 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Would like all lines replaced and under 15 years old |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | I am a new operator and still learning. Need to do a plan. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City Of Miami |
| 1.2.1 | PWSID Number | OK2005813 |
| 1.2.2 | PWSID Number | 2005813 |
| 1.3.1 | Contact Information: - Name | Jeb Jones |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918-542-2291 |
| 1.3.4 | Contact Information: - E-Mail Address | jjones@miamiokla.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1288 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Miami, Okla |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74355 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 129 5th Ave Northwest |
| 1.3.9 | Contact Information: - Physical Address (City) | Miami, Okla |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74354 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 13700 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of North Miami |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Picher Public Works Authority |
| 1.2.1 | PWSID Number | 2005812 |
| 1.2.2 | PWSID Number | 2005812 |
| 1.3.1 | Contact Information: - Name | Joel Thompson |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-673-1765 |
| 1.3.4 | Contact Information: - E-Mail Address | eafreeman@nationsnetwork.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 101 N. Connell Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Picher |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74360 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 N. Connell Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Picher |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74360 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1650 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 615 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.134 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/22/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 204000 gallons |
| 3.5.1 | Total Water Produced in 2007 (MG) | 31.4602 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | us census |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | metered |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | metering system |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 8 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 31460200 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 31460200 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | none |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 300000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | none |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | none |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 27 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

| | | |
|--------|--|---------------------------------|
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 60 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Quapaw Public Works Authority |
| 1.2.1 | PWSID Number | 2005811 |
| 1.2.2 | PWSID Number | 2005811 |
| 1.3.1 | Contact Information: - Name | Debbie Regalado |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-674-2525 |
| 1.3.4 | Contact Information: - E-Mail Address | cquapaw@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 410 Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Box 706 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74363 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 410 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Quapaw |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74363 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1600 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 387 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 437 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 487 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 537 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 587 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 158785 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 4/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 563000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 56900000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 94 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | None |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |

| | | |
|--------|--|----------------------------------|
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.158 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 56900000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 174626100 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 99 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 4.4 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | New - with excellent circulation |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | N/A |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|------------------------------|
| 1.1.1 | Provider Name | City of Commerce |
| 1.2.1 | PWSID Number | OK2005810 |
| 1.2.2 | PWSID Number | 2005810 |
| 1.3.1 | Contact Information: - Name | Lisa Craghead |
| 1.3.2 | Contact Information: - Title | City Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-675-4373 |
| 1.3.4 | Contact Information: - E-Mail Address | lcraghead@nationsnetwork.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 99 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Commerce |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74339 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 300 Commerce Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Commerce |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74339 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Ottawa County Rural Water Dist. #3 |
| 1.2.1 | PWSID Number | OK2005806 |
| 1.2.2 | PWSID Number | 2005806 |
| 1.3.1 | Contact Information: - Name | Judy Cousatte |
| 1.3.2 | Contact Information: - Title | Secretary/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-542-2928 |
| 1.3.4 | Contact Information: - E-Mail Address | assignjudy@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 19 North Shawnee |
| 1.3.6 | Contact Information: - Mailing Address (City) | Peoria |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74363 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 19 North Shawnee |
| 1.3.9 | Contact Information: - Physical Address (City) | Peoria |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74363 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | BIRCH CREEK RWD |
| 1.2.1 | PWSID Number | 2005743 |
| 1.2.2 | PWSID Number | 2005743 |
| 1.3.1 | Contact Information: - Name | ROBERT FLYNT |
| 1.3.2 | Contact Information: - Title | OPERATOR |
| 1.3.3 | Contact Information: - Phone Number | 918-349-2369 |
| 1.3.4 | Contact Information: - E-Mail Address | ffsenile@gmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | rr2box153a |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pawhuska |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74056 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 39 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 39 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 52 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 15 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 15 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 22 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1990 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1990 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2050 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3000gals. |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1177000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.10.1 | Source of estimated percentages | water records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 23 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1177000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 726188 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | need new water lines |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4.6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Brenda Owens |
| 1.2.1 | PWSID Number | 2005703 |
| 1.2.2 | PWSID Number | 2005703 |
| 1.3.1 | Contact Information: - Name | Brenda Owens |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 918.242.3613 |
| 1.3.4 | Contact Information: - E-Mail Address | bowens@cimtel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 187 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Prue |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74060 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 44 South Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Prue |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74060 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 450 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 460 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 520 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 189 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 193 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 210 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 218 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.04 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.041 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.045 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.464 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14687590 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 9 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 10 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 14687590 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| | | |
|-------|--|---------------------------------|
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|---|----------------------|
| 1.1.1 | Provider Name | Osage Public Works |
| 1.2.1 | PWSID Number | OK2005701 |
| 1.2.2 | PWSID Number | 2005701 |
| 1.3.1 | Contact Information: - Name | Violet L Reese |
| 1.3.2 | Contact Information: - Title | City Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | (918)354-2331 |
| 1.3.4 | Contact Information: - E-Mail Address | vireese44@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 34 W Grand |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO Box 18 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74054 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 34 W Grand |
| 1.3.9 | Contact Information: - Physical Address (City) | Osage |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74054 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | McIntosh Co. R.W.D. #13 |
| 1.2.1 | PWSID Number | 2005603 |
| 1.2.2 | PWSID Number | 2005603 |
| 1.3.1 | Contact Information: - Name | Sheila Worlow |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-652-8709 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd13@ecewb.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 2 Box 444 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Henryetta |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74437 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same as above |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 27.95 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1478 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1538 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1838 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2138 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3038 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 591 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 615 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 735 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 855 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1215 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.11764 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.149564 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.309184 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.468804 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.947664 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.177 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 42.5774 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 9 |
| 3.10.1 | Source of estimated percentages | Self Provided |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Henryetta Municipal Authority (backup source only) |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 250 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |

| | | |
|--------|--|---|
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.1176 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 42.5774 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 53 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.3024 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.3024 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.11764 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.177 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 42.5774 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1997 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1997 |
| 6.8.10 | Type of treatment plant | Chlorinate Only - WTP #1 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Upgrade size of pumps. |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Drill Additional Well |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 300 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 4 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 36 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Bethany |
| 1.2.1 | PWSID Number | OK2005519 |
| 1.2.2 | PWSID Number | 2005519 |
| 1.3.1 | Contact Information: - Name | Reggie Bartlett |
| 1.3.2 | Contact Information: - Title | Water Plant Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 405-789-1421 |
| 1.3.4 | Contact Information: - E-Mail Address | reggie.bartlett@bethanyok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 219 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bethany |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73008 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 6700 N.W. 36th Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Bethany |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73008 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 21000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 22070 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 22705 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 23338 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 24010 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 7080 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7227 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7240 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7280 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 3.3 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.7 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.7 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.9 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.8 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 811.5 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 30 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 15 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | Historis Water Billing Data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma City |

| | | |
|----------|--|--|
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 3 |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 23 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 42 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 206 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 811.5 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 75 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 2.2 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 3.8 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 811.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1962 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 15 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | replace lines as needed. Depends which part of town is voted on by the City Council. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NOTE: THIS IS A REVISED COPY OF THE SURVEY PLEASE USE THIS COPY. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | DO YOU NEED A COPY OF OUR "SWAP" REPORT? |
| Comments | | Sold water records from billing |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Choctaw Utilities Authority |
| 1.2.1 | PWSID Number | OK2005510 |
| 1.2.2 | PWSID Number | 2005510 |
| 1.3.1 | Contact Information: - Name | John W. Baxter |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | (405)-390-8200 |
| 1.3.4 | Contact Information: - E-Mail Address | pwdirector@choctawcity.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2500 N. Choctaw Road |
| 1.3.6 | Contact Information: - Mailing Address (City) | Choctaw, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73020 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2500 N. Choctaw Road |
| 1.3.9 | Contact Information: - Physical Address (City) | Choctaw, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73020 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Spencer Public Works |
| 1.2.1 | PWSID Number | OK2005509 |
| 1.2.2 | PWSID Number | 2005509 |
| 1.3.1 | Contact Information: - Name | Tim Jones |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 405.464.0566 |
| 1.3.4 | Contact Information: - E-Mail Address | spencerpwdirector@slocglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 8200 NE 36th St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Spencer |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73084 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 8200 NE 36th St |
| 1.3.9 | Contact Information: - Physical Address (City) | Spencer |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73084 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4400 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4800 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1300 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 200000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 400000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 600000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 800000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/8/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 5 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 5 |

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| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Upgrade the well system |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4000 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.473484848 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.473484848 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 23rd street capital improvement projects. 2008 estimated cost of \$650,000.00 Phase I & II 16" waterline |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Jones |
| 1.2.1 | PWSID Number | 2005507 |
| 1.2.2 | PWSID Number | 2005507 |
| 1.3.1 | Contact Information: - Name | Carlton w. Taylor |
| 1.3.2 | Contact Information: - Title | pwa director |
| 1.3.3 | Contact Information: - Phone Number | 405-399-4949 cell 405-229-2047 |
| 1.3.4 | Contact Information: - E-Mail Address | jonespwa@msn.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 631 Alabama st. |
| 1.3.6 | Contact Information: - Mailing Address (City) | jones |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73049 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 631 Alabama st. |
| 1.3.9 | Contact Information: - Physical Address (City) | jones |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73049 |
| 1.3.11 | Contact Information: - County | oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1666 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1687 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1710 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 543 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 555 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 700 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 146454 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 150000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 165000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 200000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 250000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 158000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 53456000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | an average of the rate of history |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.10.1 | Source of estimated percentages | meter books |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 35 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.1944 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 53456000 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |

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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | need a pressure station west of town |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9.7 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 84 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | almost all areas |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | replacing mains north of main street |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Harrah |
| 1.2.1 | PWSID Number | 2005506 |
| 1.2.2 | PWSID Number | 2005506 |
| 1.3.1 | Contact Information: - Name | Jerry Chipman |
| 1.3.2 | Contact Information: - Title | Deputy Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 405-454-2760 |
| 1.3.4 | Contact Information: - E-Mail Address | jerry.chipman@harrah-ok.gov |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 19745 Manek |
| 1.3.6 | Contact Information: - Mailing Address (City) | P.O. Box 636 Harrah OK. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73045 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 19745 Manek |
| 1.3.9 | Contact Information: - Physical Address (City) | Harrah OK. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73045 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18.9 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4750 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1166 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2200 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2800 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.34699 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.45 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.6 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.750344 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 126.442059 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | Meter books |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside your district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 54 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.34699 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 126.442059 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.89E-02 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

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| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Deer Creek Water Corporation |
| 1.2.1 | PWSID Number | OK 2005504 |
| 1.2.2 | PWSID Number | 2005504 |
| 1.3.1 | Contact Information: - Name | Debbie Wells-Bethel |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 405/620-2091 |
| 1.3.4 | Contact Information: - E-Mail Address | Fireftr141@aol.com, |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 4621 NW 206th St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Edmond, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73012 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 4621 NW 206th St |
| 1.3.9 | Contact Information: - Physical Address (City) | Edmond, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73012 |
| 1.3.11 | Contact Information: - County | Oklahoma, Logan, Canadian, Kingfisher |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Non-profit Rural Water Corporation |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2024 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2400 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4400 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.84 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 15 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.76 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 307.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
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| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 81.3 |
| 5.1.1 | Total number of groundwater permits issued to provider | 7 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1865 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 11 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 15 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.2 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 226.2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 11 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 11 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.6 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 226.2 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 37 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 153 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 47 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 12.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 11 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 89 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Working on planning/development for new water tower, 7.5 of additional 12" water main, and remote read meters for system. Plan to use Rural Development financing. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Luther |
| 1.2.1 | PWSID Number | 2005503 |
| 1.2.2 | PWSID Number | 2005503 |
| 1.3.1 | Contact Information: - Name | Joshua Smith |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | (405) 277-3833 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 71 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Luther, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73054 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 119 S Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Luther, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73054 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 625 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 265 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 28704529 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | n/a |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | monthly calculation |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 31 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 28.704526 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 86443578 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 24 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.431818182 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Nichols Hills |
| 1.2.1 | PWSID Number | 2005501 |
| 1.2.2 | PWSID Number | 2005501 |
| 1.3.1 | Contact Information: - Name | David Poole |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 405 843 6637 |
| 1.3.4 | Contact Information: - E-Mail Address | dpoole@nicholshills.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 6407 Avondale Drive |
| 1.3.6 | Contact Information: - Mailing Address (City) | Nichols Hills |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73116 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 6407 Avondale Dr. |
| 1.3.9 | Contact Information: - Physical Address (City) | Nichols Hills |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73116 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4020 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4020 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4020 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4020 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4020 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1825 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1825 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1825 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1825 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1825 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1152249 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1200000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1300000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1400000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1500000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3286900 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 420570848 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.10.1 | Source of estimated percentages | In House |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 8 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 23 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 53 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1152249 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 420570900 |

| | | |
|--------|--|---|
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 3.07 |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | A 4 Million gallon storage tank is currently under construction. A 6 MGD booster station will go out for bid in August of 2008. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 31.2 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 31.2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 31.2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | System has been replaced. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Okfuskee RWD #1 |
| 1.2.1 | PWSID Number | OK2005402 |
| 1.2.2 | PWSID Number | 2005402 |
| 1.3.1 | Contact Information: - Name | Homer Williams |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.667.3327 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 32 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Boley |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74829 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 123 S. Pecan St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Boley |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74829 |
| 1.3.11 | Contact Information: - County | Okfuskee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 410 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 410 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 410 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 410 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 410 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 160 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 160 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 160 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 160 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 4.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 4.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 45 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 55 |
| 3.10.1 | Source of estimated percentages | Calculated |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 6 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.06 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 90 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New Well |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| | | |
|-------|---|---|
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Need Additional Well Need to upgrade Lagoon |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Paden - Town of Paden |
| 1.2.1 | PWSID Number | ok2005401 |
| 1.2.2 | PWSID Number | 2005401 |
| 1.3.1 | Contact Information: - Name | Tommie Hinds |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-932-4441 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 65 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Paden |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74860 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 724 Main St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Paden |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74860 |
| 1.3.11 | Contact Information: - County | Okfuskee |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 625 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 625 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 625 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 625 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 625 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | n/a |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 250 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 250 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 250 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 250 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | n/a |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.034 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.034 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.034 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.034 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.034 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | n/a |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.922 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16.044 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/14/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | self figured |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 75 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 16.044 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 16.044 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 49.2 |

| | | |
|--------|---|---------------------------------|
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | n/a |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | n/a |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | n/a |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | n/a |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Marland PWA |
| 1.2.1 | PWSID Number | 2005204 |
| 1.2.2 | PWSID Number | 2005204 |
| 1.3.1 | Contact Information: - Name | Le Anna S. Diamond |
| 1.3.2 | Contact Information: - Title | Town Clerk/Treas/Util.Sec. |
| 1.3.3 | Contact Information: - Phone Number | 580-268-3271 |
| 1.3.4 | Contact Information: - E-Mail Address | townmarland@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 638 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 306 N. Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Marland |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74644 |
| 1.3.11 | Contact Information: - County | Noble |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 280 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 290 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 310 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 320 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 115 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 119 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 127 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 131 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0463 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.0478 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.051 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.0527 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/1/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16.9 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 57 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 30 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 3 |
| 3.10.1 | Source of estimated percentages | master usage |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Noble County RWD 4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5.5 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.045 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Maintenance on tower; need pump upgrades |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |

| | | |
|--------|---|---|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Applied for OWRB grant |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Billings |
| 1.2.1 | PWSID Number | 2005201 |
| 1.2.2 | PWSID Number | 2005201 |
| 1.3.1 | Contact Information: - Name | Rick Hartz |
| 1.3.2 | Contact Information: - Title | PWA director |
| 1.3.3 | Contact Information: - Phone Number | 580-336-7702 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 216 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Billings |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74630 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 122 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Billings |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74630 |
| 1.3.11 | Contact Information: - County | Noble |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 550 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 550 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 560 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 570 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 590 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 220 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 225 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 230 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 240 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.14 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 140000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 31 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 44 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 25 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | meters |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 24 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 20 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 31 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 47 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

0.12

0.14

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | braggs public works auth. |
| 1.2.1 | PWSID Number | ok2005104 |
| 1.2.2 | PWSID Number | 2005104 |
| 1.3.1 | Contact Information: - Name | wayne richardson |
| 1.3.2 | Contact Information: - Title | superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-487-5952 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p o box 149 |
| 1.3.6 | Contact Information: - Mailing Address (City) | braggs, ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74423 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 109 patrick |
| 1.3.9 | Contact Information: - Physical Address (City) | braggs, ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74423 |
| 1.3.11 | Contact Information: - County | muskogee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1040 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1065 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1315 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1565 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2315 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 416 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 426 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 526 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 626 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 926 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.081 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.085 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.105 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.125 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.185 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 1/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.178 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 29 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/1997 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.10.1 | Source of estimated percentages | water usage of customers |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 12 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.02 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 29 |

| | | |
|--------|--|---------------------------------|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.331 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.331 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.081 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.178 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 29 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1982 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1997 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 40 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.4.1 | Which type(s) of reuse is (are) practiced? | Landscape irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Rural Water District #1, Murray County |
| 1.2.1 | PWSID Number | 2005012 |
| 1.2.2 | PWSID Number | 2005012 |
| 1.3.1 | Contact Information: - Name | Randy L. Mitchell |
| 1.3.2 | Contact Information: - Title | Field Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.622.2093 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 235 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sulpher, Oklahoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73086 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2198 North US HWY 177 |
| 1.3.9 | Contact Information: - Physical Address (City) | Sulpher, Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73086 |
| 1.3.11 | Contact Information: - County | Murray |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | none |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1776 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 500000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 700000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 971000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16785400 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: Agricultural | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: Other Rural Water District | 15 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Buckhorn Rural Water Dist. #2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Dougherty Public Water Works |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | #VALUE! #VALUE! |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 713000 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1620 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | #VALUE! |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Prarieview Tower |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Frazier Tower |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | West Tower |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | Wells Tower (also: Hickory Tower, Point Tower, Chickasaw Tower) |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 16135000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 300 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 100 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 12 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |

| | | |
|--------|--|---|
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Line upgrades, Towers painted, Upgrade pumps |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Sulphur |
| 1.2.1 | PWSID Number | 2005001 |
| 1.2.2 | PWSID Number | 2005001 |
| 1.3.1 | Contact Information: - Name | Jack Beaty |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-622-5096 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 600 West Broadway |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sulphur |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73086 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 600 West Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Sulphur |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73086 |
| 1.3.11 | Contact Information: - County | Murray |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2345 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 835000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1207000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 304905000 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.10.1 | Source of estimated percentages | Historial Data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 42 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 304905000 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3696000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3960000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 835000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1207000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 304905000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1907 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.10 | Type of treatment plant | Groundwater WTP #1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|---|---------------------------------|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 18 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 15 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 15 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Vivian RWD #6 |
| 1.2.1 | PWSID Number | 2004913 |
| 1.2.2 | PWSID Number | 2004913 |
| 1.3.1 | Contact Information: - Name | Bill H Reid |
| 1.3.2 | Contact Information: - Title | Vice Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918-689-7030 |
| 1.3.4 | Contact Information: - E-Mail Address | breid@dishmail.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 430 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Eufaula |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74432 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Hwy 9 West |
| 1.3.9 | Contact Information: - Physical Address (City) | Eufaula |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74432 |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 39 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2140 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 765 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 821 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1070 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1250 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1900 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.12 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.16 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.19 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.3 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 65 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | Data on file |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 100% |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |

| | | |
|--------|---|---|
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | 2 new wells and pumps w/Cl treatment |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 250,000 Ft |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10000 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 8000 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 55 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Working on leaks but old pipe |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Hanna PWA |
| 1.2.1 | PWSID Number | 2004902 |
| 1.2.2 | PWSID Number | 2004902 |
| 1.3.1 | Contact Information: - Name | Jason Jones |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 918-617-1453 |
| 1.3.4 | Contact Information: - E-Mail Address | N/A |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.o.Box296 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hanna |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74845 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Main street |
| 1.3.9 | Contact Information: - Physical Address (City) | Hanna |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74845 |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 125 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 130 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 135 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 145 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 40000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 41000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 42000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 43000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 45000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 1/8/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 103000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14485800 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/18/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |

| | | |
|--------|--|---|
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.04 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0.08 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District 8 Mcclain |
| 1.2.1 | PWSID Number | ok2004711 |
| 1.2.2 | PWSID Number | 2004711 |
| 1.3.1 | Contact Information: - Name | Raymond riggle |
| 1.3.2 | Contact Information: - Title | office manager |
| 1.3.3 | Contact Information: - Phone Number | 405-449-7700 |
| 1.3.4 | Contact Information: - E-Mail Address | RWD 8 valolnet.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. Box 129 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wayne |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73095 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 107 E. Balgel |
| 1.3.9 | Contact Information: - Physical Address (City) | Wayne |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73095 |
| 1.3.11 | Contact Information: - County | Mcclain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R-owrd |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 32 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2298 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2433 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2883 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3333 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4683 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 766 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 811 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 961 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1111 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1561 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.21 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.222 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.263 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.304 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.427 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 77 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.105 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 77 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 236 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.6 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 |

| | | |
|--------|--|---------------------------------|
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.21 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.3 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 77 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2002 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.8.10 | Type of treatment plant | Neg pressure ozone. |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | filters |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | well |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 325 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Byars |
| 1.2.1 | PWSID Number | 2004709 |
| 1.2.2 | PWSID Number | 2004709 |
| 1.3.1 | Contact Information: - Name | Chuck Spray |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-783-4255 |
| 1.3.4 | Contact Information: - E-Mail Address | byarshall@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 251 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Byars |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74831 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 231 E. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Byars |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74831 |
| 1.3.11 | Contact Information: - County | McClain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 280 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 290 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 340 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 360 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 121 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 125 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 130 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 135 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 140 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 35000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 40000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 45000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 50000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 34000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 7.2024 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | 586520 |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 96 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.10.1 | Source of estimated percentages | Utility software |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 17 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.05472 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 720240 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 100 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New distribution lines; total replacement of 7000 feet. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

7.3

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Goldsby Water Authority |
| 1.2.1 | PWSID Number | 2004707 |
| 1.2.2 | PWSID Number | 2004707 |
| 1.3.1 | Contact Information: - Name | Kristi Kilcrease |
| 1.3.2 | Contact Information: - Title | Water Clerk |
| 1.3.3 | Contact Information: - Phone Number | (405) 288-6697 |
| 1.3.4 | Contact Information: - E-Mail Address | togwatergirl@windstream.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 100 E. Center Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Goldsby |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73093 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 E. Center Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Goldsby |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73093 |
| 1.3.11 | Contact Information: - County | McClain |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2.78 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1683 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2058 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3308 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4558 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5833 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 673 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 823 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1323 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1823 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2323 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1805 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 339400 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 65932800 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Census Data |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | 2005 Water Study from our Engineering Firm |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 13 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.10.1 | Source of estimated percentages | water billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Newcastle |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 6.4 |

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| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 76.4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 390 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 65932800 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 390 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 390 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 180637 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 339400 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 65932800 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1993 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | co2 upgrade |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Southeast Oklahoma Raw Water Study - preliminary stages |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | adding increased storage within 10 years |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 65 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | need larger lines in key areas |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

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| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | none |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | none |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City Of Newcastle |
| 1.2.1 | PWSID Number | OK2004704 |
| 1.2.2 | PWSID Number | 2004704 |
| 1.3.1 | Contact Information: - Name | Bill Canary |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-387-2690 |
| 1.3.4 | Contact Information: - E-Mail Address | BCanary@pldi.net |
| 1.3.6 | Contact Information: - Mailing Address (City) | P.O. Box 179 Newcastle |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73065 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2700 N.W.40th |
| 1.3.9 | Contact Information: - Physical Address (City) | Newcastle |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73065 |
| 1.3.11 | Contact Information: - County | McClain |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6090 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7917 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 14007 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20097 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 26187 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2436 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3166 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5602 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 80388 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10474 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.39 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.807 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.197 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.587 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 5.977 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.74 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 508106000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Building permits |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | Water Meters |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town OF Tuttle |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City Of Goldsby |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 98.995 |

| | | |
|--------|--|---|
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.085 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0001 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 508.106 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.39 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.74 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 508106 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 49 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 4.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Planning to Purchase water from OKC. We will be installing several of 18" to 24" Pipe. But we will continue to use WTP. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Keep up the Good work! |

| Question # | Question | Answer |
|------------|---|----------------------|
| 1.1.1 | Provider Name | Town of Washington |
| 1.2.1 | PWSID Number | 2004703 |
| 1.2.2 | PWSID Number | 2004703 |
| 1.3.1 | Contact Information: - Name | Derek Cheek |
| 1.3.2 | Contact Information: - Title | Waterworks Operator |
| 1.3.3 | Contact Information: - Phone Number | 405-288-2578 |
| 1.3.4 | Contact Information: - E-Mail Address | townofwash@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO box 127 |
| 1.3.6 | Contact Information: - Mailing Address (City) | washington |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73093 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 204 n main |
| 1.3.9 | Contact Information: - Physical Address (City) | washington |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73093 |
| 1.3.11 | Contact Information: - County | mcclain |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Wayne |
| 1.2.1 | PWSID Number | OK2004702 |
| 1.2.2 | PWSID Number | 2004702 |
| 1.3.1 | Contact Information: - Name | Robert Shea |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 405.449.3451 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 160 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wayne OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73095 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 117 N Shannon |
| 1.3.9 | Contact Information: - Physical Address (City) | Wayne OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73095 |
| 1.3.11 | Contact Information: - County | McClain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 750 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 850 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 890 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1120 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 390 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 442 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 515 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 582 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.105 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.119 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.138 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.157 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 130 Gal |
| 3.5.1 | Total Water Produced in 2007 (MG) | 38325000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Meters |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.2 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 160 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 260 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 260 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 160 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 160 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 90000 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 90000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 130,000 per day |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1998 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 2005 |

| | | |
|--------|--|-----------------------|
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.8.6 | Type of treatment plant - WTP 2 | Membrane (MF, UF, RO) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | No |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | Not Known |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Well pump replaced |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 80 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Purcell |
| 1.2.1 | PWSID Number | 2004701 |
| 1.2.2 | PWSID Number | 2004701 |
| 1.3.1 | Contact Information: - Name | Jeannie Anthony |
| 1.3.2 | Contact Information: - Title | Water/Wastewater Treatment Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 405-527-8613 |
| 1.3.4 | Contact Information: - E-Mail Address | janthony@purcellok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 71 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Purcell |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73080-0071 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 230 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Purcell |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73080 |
| 1.3.11 | Contact Information: - County | McClain |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 8057 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2027 - 10,878 (20 year population projection based on 35% increase.) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3223 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2027 - 4,351 (20 year projection based on 35% increase.) |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.66 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.78 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.89 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.03 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.12 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 241.51 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | #Service Connections x 2.5 = Ave. Population Served |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 88 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.10.1 | Source of estimated percentages | OWRB Annual Groundwater Use Report |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Lexington |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.992 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 5472 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 14 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 19 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 241.51 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 14 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3.6 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.66 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.12 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 241.51 |

| | | |
|--------|--|--|
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1986 |
| 6.8.10 | Type of treatment plant | This is a Booster Station that all of our water from our wellfield comes to. At this point the water is disinfected with chlorine gas, and then sent into the distribution system for consumption. |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | Upgrade and repair to chlorine equipment at Booster Station. Repair fluoride injection system at Booster Station. |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | NA |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | NA |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | NA |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | NA |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | NA |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | We would like to install Variable Frequency Drives (VFD) to our 14 existing well pumps to make the system more efficient. We would like to drill two (2) new test holes in our wellfield and install additional water wells. These projects are not currently funded. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New water meters are needing to be installed at 5 of the existing wells at an approximate cost today of \$15,000. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1) Install approximately 8.5 of 12" PVC water line along south side of Hwy 39 to a new 515,000 gal. standpipe. Install a new Booster Station to pump 500 gpm with 100 psi. 2) Construct 3340 L.F. of 8" PVC water line to supply water to Mantooth Drive. The following projects are needed; however are not funded at this time: 1) Approx. 4500' of 12" PVC water line installed along Hardcastle Blvd; including a road bore of Hwy 39 to loop existing water lines and better supply the South end of Purcell and provide for Economic Development and fire protection. 2) Blanton View/Rockwood Ave./160th increase line size from 1 1/4" to 8" (3) with a bore of I-35 to loop the north side of Purcell's water system. 3) Rehab of Main Street with a 12" line and 10 fire plugs. 4) Complete project already permitted through DEQ consisting of 1 1/4 of 4" water line on 230th to 240th & Western. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | In reference to the questions regarding reuse of wastewater, we have looked at future plans to possibly use treated effluent to water our golf course with. Infrastructure would have to be put in place in order to pipe the water from the WWTP to the appropriate location for reuse. I will submit a copy of a Water Study that the City of Purcell had done in March of 2007. We have already exceeded population projections and meter connections specified in this Water Study. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Kingston |
| 1.2.1 | PWSID Number | OK2004501 |
| 1.2.2 | PWSID Number | 2004501 |
| 1.3.1 | Contact Information: - Name | Leonard Nail |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | (580)564-3750 |
| 1.3.4 | Contact Information: - E-Mail Address | kingstonpubwork@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 638 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Kingston |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73439 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 22 North Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Kingston |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73439 |
| 1.3.11 | Contact Information: - County | Marshall |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 9.7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1390 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.124 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.201 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 45614010 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | average flow for 2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 77 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 9 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | self provided |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Marshall County Water Corp. |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1250 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 60 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1.55 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 45.61 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | addiional fire hydrants |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.1 |

| | | |
|--------|---|--|
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | kill older lines that has new lines already in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Major County Rural Water + Solid Waste Dist #1 |
| 1.2.1 | PWSID Number | 2004407 |
| 1.2.2 | PWSID Number | 2004407 |
| 1.3.1 | Contact Information: - Name | Dennis Voth |
| 1.3.2 | Contact Information: - Title | Operator / Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.227.0068 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 375 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fairview |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73037 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1310 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Fairview |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73037 |
| 1.3.11 | Contact Information: - County | Major |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 945 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 945 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 945 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 945 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 945 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 945 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 764 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 764 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 764 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 764 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 764 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 764 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.137481 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.283 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 30 |
| 3.10.1 | Source of estimated percentages | Rural Water Dist DATA |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Fairview Utilities Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 14680800 |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 763 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |

| | | |
|--------|---|---------------------------------|
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 315 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.03 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 44.8793 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 18 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 260 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 55 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Ringwood |
| 1.2.1 | PWSID Number | 2004405 |
| 1.2.2 | PWSID Number | 2004405 |
| 1.3.1 | Contact Information: - Name | Liz McCamey |
| 1.3.2 | Contact Information: - Title | Deputy Clerk/Water Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-883-5550 |
| 1.3.4 | Contact Information: - E-Mail Address | ringwoodtown @pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 182 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ringwood |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73768 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 200 North Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Ringwood |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73768 |
| 1.3.11 | Contact Information: - County | Major |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 550 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 650 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 220 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 24287800 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.072 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 24287800 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 24287800 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 0 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Ames |
| 1.2.1 | PWSID Number | 2004403 |
| 1.2.2 | PWSID Number | 2004403 |
| 1.3.1 | Contact Information: - Name | Bob Mackie |
| 1.3.2 | Contact Information: - Title | Water & Sewer Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-554-2386 |
| 1.3.4 | Contact Information: - E-Mail Address | amesok@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 568 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ames |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73718 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 106 E. Corporate Drive |
| 1.3.9 | Contact Information: - Physical Address (City) | Ames |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73718 |
| 1.3.11 | Contact Information: - County | Major |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 199 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 209 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 125 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 230 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 250 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 250 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.02 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.02 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.03 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.03 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.03 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 27000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 7482952 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Past Water Usage |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | Water Meters |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Double R. Trucks |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Brent Hajeck |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.2 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.14.5 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 108000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 216000 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 36 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0936 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 7482952 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

295.8904
591.7808

| | | |
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| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Doing a great job. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Not at this time. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Cleo Springs |
| 1.2.1 | PWSID Number | 2004402 |
| 1.2.2 | PWSID Number | 2004402 |
| 1.3.1 | Contact Information: - Name | dixie weber |
| 1.3.2 | Contact Information: - Title | town clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-438-2243 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 201 s. square |
| 1.3.6 | Contact Information: - Mailing Address (City) | p.o. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | box 297 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 73729 |
| 1.3.11 | Contact Information: - County | major |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 326 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 330 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 330 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 330 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 330 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 197 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 200 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.05 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.05 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.05 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.05 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.09 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 9.9 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | meters |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 284 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 23 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.014 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 9.9 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.11 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3.5 |

| | | |
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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 75 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New well |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Meno Public Works Authority |
| 1.2.1 | PWSID Number | 2004401 |
| 1.2.2 | PWSID Number | 2004401 |
| 1.3.1 | Contact Information: - Name | Eileen Clowdas |
| 1.3.2 | Contact Information: - Title | Clerk/treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580.776.2275 |
| 1.3.4 | Contact Information: - E-Mail Address | townofmeno@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 138 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Meno |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73760 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 624 S. Main Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Meno |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73760 |
| 1.3.11 | Contact Information: - County | Major |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 201 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 210 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 210 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 210 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 88 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 90 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 90 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 90 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 90 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 18890 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 20000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 20000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 20000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 20000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.032 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6.91348 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 88 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.10.1 | Source of estimated percentages | Water billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 35 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 9.47052 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 6.91348 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 92 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New water tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Thaackerville Water Dist. # 2 |
| 1.2.1 | PWSID Number | 2004303 |
| 1.2.2 | PWSID Number | 2004303 |
| 1.3.1 | Contact Information: - Name | thackerville water |
| 1.3.2 | Contact Information: - Title | supt |
| 1.3.3 | Contact Information: - Phone Number | 580-276-2675 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 164 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Thackerville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73459 |
| 1.3.11 | Contact Information: - County | Love |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1100 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1125 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1238 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1350 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 177231 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.196 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.213 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.284 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 65 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.10.1 | Source of estimated percentages | accounts |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 288 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 4 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 25 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 180000 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 64689657 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 76000 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 55000 |
| 6.17.3 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 3 | 59000 |
| 6.17.4 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 4 | 96000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New well |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 150 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 |

| | | |
|--------|--|---------------------------------|
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | marietta public works authority |
| 1.2.1 | PWSID Number | 2004301 |
| 1.2.2 | PWSID Number | 2004301 |
| 1.3.1 | Contact Information: - Name | layton shurbet |
| 1.3.2 | Contact Information: - Title | superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-276-6605 |
| 1.3.4 | Contact Information: - E-Mail Address | mpwac@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 303 west main |
| 1.3.6 | Contact Information: - Mailing Address (City) | marietta |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73448 |
| 1.3.11 | Contact Information: - County | love |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1146 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 225000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 275000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 300000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 500000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 89000000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.2 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Conservation Plan |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 65 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 15 |
| 3.10.1 | Source of estimated percentages | water supply |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 100000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 89000000 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Cimarron City Water & Sewer Service |
| 1.2.1 | PWSID Number | 2004253 |
| 1.2.2 | PWSID Number | 2004253 |
| 1.3.1 | Contact Information: - Name | Colleen Billen |
| 1.3.2 | Contact Information: - Title | Clerk-Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 405-969-3562 |
| 1.3.4 | Contact Information: - E-Mail Address | cabillen@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 633 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Crescent |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73028 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 W Cimarron Blvd |
| 1.3.9 | Contact Information: - Physical Address (City) | Cimarron City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73028 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 50 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 70 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 22 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 27 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 13.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 15.7 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/7/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 23.8 |
| 3.5.1 | Total Water Produced in 2007 (MG) | |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Actual billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 28.0374 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 100% |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 3089.7 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Water lines need replacing. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |

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| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Undisclosed leaks in system. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Logan county RWD #3 |
| 1.2.1 | PWSID Number | 2004230 |
| 1.2.2 | PWSID Number | 2004230 |
| 1.3.1 | Contact Information: - Name | Sam Jerome |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.935.6678 |
| 1.3.4 | Contact Information: - E-Mail Address | clearwater73036@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 101 West Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO Box 107 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73056 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 West Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Marshall |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73056 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | none |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1520 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1525 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1520 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1540 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 884 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 895 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 900 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 910 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 915 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 330000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 345000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 330000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 360000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 365000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 453000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 108729000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/10/2008 |
| 3.10.1 | Source of estimated percentages | Billing history-2007/ Did not add up to 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15.5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.28 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 240920000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 240920000 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | none |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Line Size improve more valve controls |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 790 |

| | | |
|--------|--|---------------------------------|
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 58 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 14 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | None |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | GUTHRIE DEVELOPMENT / DAVIS GLENN WATER |
| 1.2.1 | PWSID Number | 2004211 |
| 1.2.2 | PWSID Number | 2004211 |
| 1.3.1 | Contact Information: - Name | L JOE GUTHRIE JR |
| 1.3.2 | Contact Information: - Title | DIRECTOR |
| 1.3.3 | Contact Information: - Phone Number | 405-282-0025 |
| 1.3.4 | Contact Information: - E-Mail Address | ljoeguthrie@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 351 W CHARTER OAK RD |
| 1.3.6 | Contact Information: - Mailing Address (City) | EDMOND |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73034 |
| 1.3.11 | Contact Information: - County | LOGAN |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | WATER UTILITY |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 3 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Logan Co RWS&SWMD#1 |
| 1.2.1 | PWSID Number | 2004207 |
| 1.2.2 | PWSID Number | 2004207 |
| 1.3.1 | Contact Information: - Name | Robert(Buddy) Thompson |
| 1.3.2 | Contact Information: - Title | Manager/Oper. |
| 1.3.3 | Contact Information: - Phone Number | 405-282-0746 |
| 1.3.4 | Contact Information: - E-Mail Address | lcrwd1@coxinet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 993 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Guthrie |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73044 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5113 S. Sooner Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Guthrie |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73044 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4550 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 17000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1978 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2550 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.4 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 176.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 97 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1295.5 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.069 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 176594000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 42 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 65 |

| | | |
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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | All PVC Piping |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New 8" lines to be installed. Several new wells and standpipe or 2. Also looking at purchasing water. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Will our water ever be good enough to satisfy EPA. If not we need a source of treatment that is effective. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Work to get EPA & ODEQ to rethink the contaminate levels. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Logan County RWD #2 |
| 1.2.1 | PWSID Number | 2004206 |
| 1.2.2 | PWSID Number | 2004206 |
| 1.3.3 | Contact Information: - Phone Number | 405.969.2646 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1701 N Hwy 74 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Crescent |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73028 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17.7 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1146 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1261 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1387 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1499 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2040/1639 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 382 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 420 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 462 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 508 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1016 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2040/559 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.152 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.167 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.183 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.201 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.402 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 2040/0.221 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 300000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 67.102 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 11/1/2007 |
| 3.10.1 | Source of estimated percentages | Actual Usage/did not up to 100 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Cashion |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 23070 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 712 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.185 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 67.102 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.29 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

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| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.288 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.288 |
| 6.1.3 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 3 | 0.576 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.288 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.288 |
| 6.2.3 | What is the maximum treatment rate of your facility (MGD)? - WTP 3 | 0.576 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.041 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.044 |
| 6.3.3 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 3 | 0.1 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.075 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.075 |
| 6.4.3 | What was your 2007 peak day production (MGD)? - WTP 3 | 0.15 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 14.707 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 16.089 |
| 6.5.3 | Total annual production in 2007 (MG) - WTP 3 | 36.306 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1975 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1975 |
| 6.6.3 | What year was your water treatment plant(s) originally built? - WTP 3 | 1980 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1975 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1975 |
| 6.7.3 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 3 | 1980 |
| 6.8.10 | Type of treatment plant | Chlorine injection |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.10.4 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - New WTP(s) | 345.6 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | 0 |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | 0 |
| 6.12.3 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 3 | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | 2 new wells & storage tower |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 45 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 25 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 3 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |

| | | |
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| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 2 new wells & storage tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Rock Creek Estates Water & Road Co., Inc. |
| 1.2.1 | PWSID Number | OK2004205 |
| 1.2.2 | PWSID Number | 2004205 |
| 1.3.1 | Contact Information: - Name | Diana Hill |
| 1.3.2 | Contact Information: - Title | Secretary/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 405-340-1347 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 509 Rock Creek Dr. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Edmond |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73034 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 509 Rock Creek Dr. |
| 1.3.9 | Contact Information: - Physical Address (City) | Edmond |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73034 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Private neighborhood |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Odd/even watering June 1st thru September 15th every year. |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 50 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 39817 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 33 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Crescent |
| 1.2.1 | PWSID Number | 2004204 |
| 1.2.2 | PWSID Number | 2004204 |
| 1.3.1 | Contact Information: - Name | Steven Defuentes |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 405-969-2572 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 401 W. VanBuren |
| 1.3.6 | Contact Information: - Mailing Address (City) | Crescent |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73028 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 401 W. Van Buren |
| 1.3.9 | Contact Information: - Physical Address (City) | Crescent |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73028 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1460 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1640 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 758 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 780 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 886 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 972 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.177 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.183 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.207 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.227 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 65 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | U.S. Census |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | water tower |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | water tower |
| 6.8.10 | Type of treatment plant | Clearwell chlorier feed |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| | | |
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| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
|-------|--|----|

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Coyle |
| 1.2.1 | PWSID Number | ok2004203 |
| 1.2.2 | PWSID Number | 2004203 |
| 1.3.1 | Contact Information: - Name | Josh James |
| 1.3.2 | Contact Information: - Title | Water & Wastewater Operator |
| 1.3.3 | Contact Information: - Phone Number | 405/466-3741 |
| 1.3.4 | Contact Information: - E-Mail Address | townofcoyle@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 248 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Coyle |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73027 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 N. Pulliam |
| 1.3.9 | Contact Information: - Physical Address (City) | Coyle |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73027 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 325 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 330 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 160 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 180 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 38000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 45000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/19/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.044 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 40 |
| 3.10.1 | Source of estimated percentages | Water data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 42000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 10865700 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 25000 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 2000 |
| 7.4.1 | Which type(s) of reuse is (are) practiced? | Landscape irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |

| | | |
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| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Rural Water and Sewer Dist. #4, Lincoln County |
| 1.2.1 | PWSID Number | 2004105 |
| 1.2.2 | PWSID Number | 2004105 |
| 1.3.1 | Contact Information: - Name | Tawanna Chapman |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-375-2625 |
| 1.3.4 | Contact Information: - E-Mail Address | lcrwsd@brightok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 178 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Agra |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74824-0178 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 308 Grant Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Agra |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74824-0178 |
| 1.3.11 | Contact Information: - County | Lincoln |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19.8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2515 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2537 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2560 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2583 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2606 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1012 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1021 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1039 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1048 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1058 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.273 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.275 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.28 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.282 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.285 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.73 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 98200210 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 72 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 19 |
| 3.10.1 | Source of estimated percentages | Billing and Monthly Operating Reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney Association |

| | | |
|--------|--|---------------------------------|
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Chandler |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | City of Cushing |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.5 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 20 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 11 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 127733592 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 17 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 67 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 53 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 218 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

127.7336

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| <p>8.2.1</p> | <p>Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes?</p> | <p>We have had a Hydraulic Analysis of our system which identified a need for additional water and recommended purchase of water from the City of Chandler, which we now do. Also, we are in the process of designing, permitting and financing a plant to treat water from one of our wells to improve the quality. The well is already in service but has high levels of iron, manganese and hydrogen sulfide. We are in need of a larger water tower on the north end of our system.</p> |
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| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | CITY OF PRAGUE |
| 1.2.1 | PWSID Number | 2004101 |
| 1.2.2 | PWSID Number | 2004101 |
| 1.3.1 | Contact Information: - Name | JIM GREFF |
| 1.3.2 | Contact Information: - Title | CITY MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 405-567-2270 |
| 1.3.4 | Contact Information: - E-Mail Address | jgreff@cityofpragueok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 820 N JIM THORPE BLVD |
| 1.3.6 | Contact Information: - Mailing Address (City) | PRAGUE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74864 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 820 N JIM THORPE BLVD |
| 1.3.9 | Contact Information: - Physical Address (City) | PRAGUE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74864 |
| 1.3.11 | Contact Information: - County | LINCOLN |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2150 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1105 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1150 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1250 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.257 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.26 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.27 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.28 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.3 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.36 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 93.756 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.10.1 | Source of estimated percentages | MONTHLY BILLING |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 9 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 45 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.076 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 93.756 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 45 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | LOOKING TO DRILL ANOTHER WATERWELL |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 21.57 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 16.08 |

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| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 31 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 14 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | WATER EXTENSIONS TO NEW AREAS IN THE FRINGE DEVELOPMENT AREAS AROUND TOWN |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NONE |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NONE |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Quartz Mountain Regional Water Authority |
| 1.2.1 | PWSID Number | OK2003880 |
| 1.2.2 | PWSID Number | 2003880 |
| 1.3.1 | Contact Information: - Name | Robert E. Harris |
| 1.3.2 | Contact Information: - Title | Secretary / Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580.481.8039 |
| 1.3.4 | Contact Information: - E-Mail Address | rbharris01@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 728 E. Walnut St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Altus |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73521 |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | water trust-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2.9 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.3 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Toilet rebates |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 7 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 7 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 432487 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 432487 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 432487 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 741890 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 158 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Self provided from actual use records |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/26/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 50 |
| 3.10.1 | Source of estimated percentages | Self provided from actual use records |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Department of Corrections, Granite, Oklahoma |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Granite, Town of |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Lone Wolf, Town of |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Quartz Mountain Arts and Conference Center |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Hester Water, North fork Cabin and Kiowa #1 |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 61 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 46 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 19 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 19 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 37 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 65379274 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 6 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 30 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 6 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 213031196 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 653792741 |

182

213.0312

| | | |
|--------|--|---------------------------------|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 750000000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1800000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 432487 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | None |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Lone Wolf Public Work Authority |
| 1.2.1 | PWSID Number | 2003806 |
| 1.2.2 | PWSID Number | 2003806 |
| 1.3.1 | Contact Information: - Name | Margie Horton |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 5808469078 |
| 1.3.4 | Contact Information: - E-Mail Address | cityoflonewolf@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | po box 38 |
| 1.3.6 | Contact Information: - Mailing Address (City) | lone wolf |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73655 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1037 main |
| 1.3.9 | Contact Information: - Physical Address (City) | lone wolf |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73655 |
| 1.3.11 | Contact Information: - County | kiowa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 480 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 460 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 420 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 350 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 240 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 235 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 220 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2004 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 43000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 40000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 38000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 30000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 20000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 60000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 22 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | estimates |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | quartz mountain water authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 19944000 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

| | | |
|--------|---|---------------------------------|
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Mountain View Public Works Authority |
| 1.2.1 | PWSID Number | 2003805 |
| 1.2.2 | PWSID Number | 2003805 |
| 1.3.1 | Contact Information: - Name | Freddie Bottom |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-347-2711 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 321 Main P.O. Box 398 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mountain View, Oklahoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73062 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 321 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Mountain view, Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73062 |
| 1.3.11 | Contact Information: - County | Kiowa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |

| Question # | Question | Answer |
|------------|---|----------------------------------|
| 1.1.1 | Provider Name | Roosevelt Public Works Authority |
| 1.2.1 | PWSID Number | 2003802 |
| 1.2.2 | PWSID Number | 2003802 |
| 1.3.1 | Contact Information: - Name | William Henson |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-639-2681 |
| 1.3.4 | Contact Information: - E-Mail Address | cityhall@brightok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 323 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Roosevelt OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73564 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 525 South Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Roosevelt |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73564 |
| 1.3.11 | Contact Information: - County | Kiowa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Kingfisher RWD #3 |
| 1.2.1 | PWSID Number | 2003722 |
| 1.2.2 | PWSID Number | 2003722 |
| 1.3.1 | Contact Information: - Name | George Ludwig |
| 1.3.2 | Contact Information: - Title | Water Supt |
| 1.3.3 | Contact Information: - Phone Number | 405.375.5114 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 1, Box 172 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Kingfisher |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73750 |
| 1.3.11 | Contact Information: - County | Kingfisher |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 134 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 94 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.053 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 19.3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 1 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 5 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.053 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 19.32 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 35 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Okarde Rural Water Dist Inc |
| 1.2.1 | PWSID Number | 2003715 |
| 1.2.2 | PWSID Number | 2003715 |
| 1.3.1 | Contact Information: - Name | Richard Alig |
| 1.3.2 | Contact Information: - Title | Sec/Tres |
| 1.3.3 | Contact Information: - Phone Number | 405.263.7467 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 333 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Okarche, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73762 |
| 1.3.11 | Contact Information: - County | Kingfisher |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 540 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 575 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1100 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 210 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 215 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 225 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 250 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0650 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 68000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 25 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 40 |
| 3.10.1 | Source of estimated percentages | Self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 240 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 35 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 18.6 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 25 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 100 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 30 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

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|-------|---|---------|
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Funding |
|-------|---|---------|

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Dover Public Works Authority |
| 1.2.1 | PWSID Number | OK2003705 |
| 1.2.2 | PWSID Number | 2003705 |
| 1.3.1 | Contact Information: - Name | Jim Murphy |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-828-4212 |
| 1.3.4 | Contact Information: - E-Mail Address | okdovercc@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 216 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Dover |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73734 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 231 E Elm |
| 1.3.9 | Contact Information: - Physical Address (City) | Dover |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73734 |
| 1.3.11 | Contact Information: - County | Kingfisher |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 187 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 23 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.18 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 14 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Cimmarron Terrace |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 151.2192233 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We are getting a new well |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | OKARCHE PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | OK2003703 |
| 1.2.2 | PWSID Number | 2003703 |
| 1.3.1 | Contact Information: - Name | GARY BAUSTERT |
| 1.3.2 | Contact Information: - Title | WATER SUPT. |
| 1.3.3 | Contact Information: - Phone Number | 405.263.7295 |
| 1.3.4 | Contact Information: - E-Mail Address | garyfire1@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | POB 116 |
| 1.3.6 | Contact Information: - Mailing Address (City) | OKARCHE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73762 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 W OKLA AVE |
| 1.3.9 | Contact Information: - Physical Address (City) | OKARCHE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73762 |
| 1.3.11 | Contact Information: - County | KINGFISHER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1110 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1120 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 568 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 573 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 580 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 585 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 600 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.162 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.18 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.19 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.21 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 3/7/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.428 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 59 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.10.1 | Source of estimated percentages | METER DISIGNATION |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.054 |

| | | |
|--------|--|---|
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 59 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.162 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.428 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 59 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1968 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.10 | Type of treatment plant | CHLORINATION & AIRATION ONLY |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | SYSTEM TO REMOVE NITRATES |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | N/A |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 7 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 21 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 49 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 49 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Kingfisher |
| 1.2.1 | PWSID Number | 2003702 |
| 1.2.2 | PWSID Number | 2003702 |
| 1.3.1 | Contact Information: - Name | Greg Tasso |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 405-375-3705 |
| 1.3.4 | Contact Information: - E-Mail Address | kwater@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 301 N. Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Kingfisher |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73750 |
| 1.3.11 | Contact Information: - County | Kingfisher |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 27 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4560 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4810 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5380 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5940 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2431 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2597 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2905 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3208 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.765 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.909 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.017 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.123 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.466 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 279 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/1996 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 69 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 27 |
| 3.10.1 | Source of estimated percentages | 2007 billing history |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Kingfisher County RWD #4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.924 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 7 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 19 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 33 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.218 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 279 |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Pump replacement. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | SCADA System. |

| | | |
|--------|--|---|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50.6 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 25.2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 3.9 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0.25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 21 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 47 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 32 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Pump replacement and SCADA System. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Loyal |
| 1.2.1 | PWSID Number | OK2003701 |
| 1.2.2 | PWSID Number | 2003701 |
| 1.3.1 | Contact Information: - Name | Kyle Glazier |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 405.368.0680 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 52 Main & Park |
| 1.3.6 | Contact Information: - Mailing Address (City) | Loyal |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73756 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Main & Park |
| 1.3.9 | Contact Information: - Physical Address (City) | Loyal |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73756 |
| 1.3.11 | Contact Information: - County | Kingfisher |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 88 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 88 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 90 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 100 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 110 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 88 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 50 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 51 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 57 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 62 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 50 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.00954 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.0097 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.011 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.012 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 9544.7 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.10.1 | Source of estimated percentages | Accual Water Used |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | North Blaine Rural Water |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 127600 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 45 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0086 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 3149751 |

| | | |
|--------|--|---------------------------------|
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1963 |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Kaw City |
| 1.2.1 | PWSID Number | 2003605 |
| 1.2.2 | PWSID Number | 2003605 |
| 1.3.1 | Contact Information: - Name | Deborah Taylor |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 580-269-2525 |
| 1.3.4 | Contact Information: - E-Mail Address | mayor@kawcityok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 30 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 900 Morgan Sq. East |
| 1.3.9 | Contact Information: - Physical Address (City) | Kaw City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74641 |
| 1.3.11 | Contact Information: - County | Kay |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Flow meters to wells just added in June 2007 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 242 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 242 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 242 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 242 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 242 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 242 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 242 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 242 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 242 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 242 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.063 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.063 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.063 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.063 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | flow meter by ODEQ added 06/2007 |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/1998 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 20 |
| 3.10.1 | Source of estimated percentages | billings |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Water District 4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4.64 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.114 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0.228 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Kaw Reservoir and Arkansas River |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1975 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |

| | | |
|--------|--|--|
| 6.8.10 | Type of treatment plant | Well built; no plant yet |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Building treatment plant |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Water treatment plant |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Kaw Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 30 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 30 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 30 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | ODEQ is doing a survey; need to add a building and threadles faucets |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Water plant on our side of lake |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Very helpful |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We still need to update sewer and water supply |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Milburn PWA |
| 1.2.1 | PWSID Number | OK2003520 |
| 1.2.2 | PWSID Number | 2003520 |
| 1.3.1 | Contact Information: - Name | Amber Kirk |
| 1.3.2 | Contact Information: - Title | secretary |
| 1.3.3 | Contact Information: - Phone Number | 580-443-5702 |
| 1.3.4 | Contact Information: - E-Mail Address | ambenkirk@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 312 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Milburn |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73450 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 S Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Milburn |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73450 |
| 1.3.11 | Contact Information: - County | Johnston |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 28 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Wapnucka |
| 1.2.1 | PWSID Number | ok2003518 |
| 1.2.2 | PWSID Number | 2003518 |
| 1.3.1 | Contact Information: - Name | JERRY YARBERRY |
| 1.3.2 | Contact Information: - Title | WATER / WASTE WATER SUP. |
| 1.3.3 | Contact Information: - Phone Number | 5803200272 |
| 1.3.4 | Contact Information: - E-Mail Address | j_yarberry@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 402 winchester ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | ada |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74820 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1458 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1569 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 298 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.241 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.32 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.4 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/24/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.654 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 88.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 20 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.10.1 | Source of estimated percentages | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0001 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 88.2 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.66 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.66 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.66 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | .641mg |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 88.2 |

| | | |
|--------|--|------------------------------------|
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1965 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1995 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | yes |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | yes new pumps |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 95 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 22.6 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Bromide Public Works |
| 1.2.1 | PWSID Number | OK2003517 |
| 1.2.2 | PWSID Number | 2003517 |
| 1.3.1 | Contact Information: - Name | Ernest Mayo |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580.638.2334 |
| 1.3.4 | Contact Information: - E-Mail Address | bromidechall@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 127 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bromide |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74530 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Bromide |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74530 |
| 1.3.11 | Contact Information: - County | Johnston |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 42 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 163 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 173 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 183 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 193 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 203 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 91 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 101 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 111 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 121 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 131 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.33 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.43 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.53 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.63 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.73 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.45 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Water Meters |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 25.6 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 1936 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 8.2 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 25.6 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | New well and well house |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |

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| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | New line from well to treatment plant |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New treatment plant |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 16 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | JOHNSTON CO RWD #3 |
| 1.2.1 | PWSID Number | OK2003511 |
| 1.2.2 | PWSID Number | 2003511 |
| 1.3.1 | Contact Information: - Name | Acie L. Smith |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.371.2141 |
| 1.3.4 | Contact Information: - E-Mail Address | jcrwd3@simplynet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 636 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tishomingo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73460-0636 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 10501 S. Refuge Road |
| 1.3.9 | Contact Information: - Physical Address (City) | Tishomingo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73460 |
| 1.3.11 | Contact Information: - County | Johnston |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 34.05 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2574 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3135 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3585 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4185 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5535 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1045 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1195 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1395 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1845 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.313849 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.32813 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.37523 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.43803 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.57933 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 115 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 99 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.10.1 | Source of estimated percentages | Annual Ground Water use report |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 417.3971116 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 27 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 262000 gal. daily |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 115 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 35 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 340 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 33 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 57 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | The amount of water per acre feet must be increased based on Johnston County RWD #3's last permit. This reduction will lead to termination of new customers. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Public Utilities are required to keep tract of water being pumped, mining companies should also be required to keep accurate records of water being pumped. |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | MANNSVILLE P.W.A. |
| 1.2.1 | PWSID Number | 2003505 |
| 1.2.2 | PWSID Number | 2003505 |
| 1.3.1 | Contact Information: - Name | MIKE EDDINGS |
| 1.3.2 | Contact Information: - Title | PUBLIC WORKS DIRECTOR |
| 1.3.3 | Contact Information: - Phone Number | 580-371-3334 |
| 1.3.4 | Contact Information: - E-Mail Address | mvillefd@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 206 |
| 1.3.6 | Contact Information: - Mailing Address (City) | MANNSVILLE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73447 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 S. 18TH AVENUE |
| 1.3.9 | Contact Information: - Physical Address (City) | MANNSVILLE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73447 |
| 1.3.11 | Contact Information: - County | JOHNSTON |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | WE PROVIDE WATER TO OUR MUNICIPALITY AS WELL AS A RURAL AREA |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 447 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 467 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 650 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 120000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 140000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 200000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 267000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 320000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/8/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 214000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 24000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 4 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | LAST YEARS ESTIMATED DATA |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |

| | | |
|--------|--|---|
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | MARSHALL COUNTY WATER CORPORATION |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 110 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.075 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 24 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 73.656 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | NEW WATER TOWER FOR MORE STORAGE CAPACITY |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 14 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NEED MORE FINANCIAL HELP FOR SMALL TOWNS WITH MAJOR PROJECTS LIKE NEW STOAGE TOWERS |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | KEEP OUR WATER FOR USE IN STATE. IF PEOPLE NEED WATER LET THEM MOVE HERE OR THEIR COMPANYS HERE INSTED OF TEXAS |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | RAVIA PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 2003504 |
| 1.2.2 | PWSID Number | 2003504 |
| 1.3.1 | Contact Information: - Name | SCOTT C CASTEEL |
| 1.3.2 | Contact Information: - Title | WATER / SEWER SUPERINTENDENT |
| 1.3.3 | Contact Information: - Phone Number | 580-371-3559 |
| 1.3.4 | Contact Information: - E-Mail Address | scott c casteel @yahoo.com |
| 1.3.6 | Contact Information: - Mailing Address (City) | P.O. BOX 179 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73455 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 109 E GRAND AVE |
| 1.3.9 | Contact Information: - Physical Address (City) | RAVIA OKLAHOMA |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73455 |
| 1.3.11 | Contact Information: - County | JOHNSTON |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2.6 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 459 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 260 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.046 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.05 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/20/2004 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.104 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18.51 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | COUNTY GROWTH BASED ON U.S. CENSUS |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 78 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | WATER LOGS / BILLING STATEMENTS / METER READINGS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | RWD #3 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.28 |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 148.8 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |

| | | |
|--------|--|--|
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.025 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 18.51 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 56.7765 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.144 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.144 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.05 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.115 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 19.6 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2004 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2004 |
| 6.8.10 | Type of treatment plant | WTP#1- CHLORINATION(SODIUM HYPOCHLORITE MIX) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | TESTING COSTS(LAB FEES,POSTAGE ETC.) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10.18 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Johnston County RWS + SWMD #4 |
| 1.2.1 | PWSID Number | 2003503 |
| 1.2.2 | PWSID Number | 2003503 |
| 1.3.1 | Contact Information: - Name | Pat Stinson |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580.937.4310 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 68 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Coleman |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73432-0068 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 215 E. Moran |
| 1.3.9 | Contact Information: - Physical Address (City) | Coleman |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73432-0068 |
| 1.3.11 | Contact Information: - County | Johnston County |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 34.63 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 550 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 650 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 650 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 218 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 228 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 248 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 268 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 288 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 44254 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 70 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.10.1 | Source of estimated percentages | Est. |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | #1 |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 50 M |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 37 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| | | |
|--------|---|--|
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | All people involved in the operation of this system donate their time and effort. We can only afford two part-time employees. Sometimes it is hard to keep up with all of work and the rules and regulations required. |

| Question # | Question | Answer |
|------------|---|-----------------------------------|
| 1.1.1 | Provider Name | Mill Creek Public Works Authority |
| 1.2.1 | PWSID Number | 2003501 |
| 1.2.2 | PWSID Number | 2003501 |
| 1.3.1 | Contact Information: - Name | Toni Walker |
| 1.3.2 | Contact Information: - Title | water Supt |
| 1.3.3 | Contact Information: - Phone Number | 580-384-5757 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 105A East Main Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | P.O. Box 16 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | Mill Creek Ok 74856-0016 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105A East Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Mill Creek Ok 74856 |
| 1.3.11 | Contact Information: - County | Jihnston |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Terral PWA |
| 1.2.1 | PWSID Number | 2003405 |
| 1.2.2 | PWSID Number | 2003405 |
| 1.3.1 | Contact Information: - Name | Barry Alsup |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580.437.2337 |
| 1.3.4 | Contact Information: - E-Mail Address | townof lenal@wave/inx.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 209 E Apache |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO Box 399 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73569 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 209 E Apache |
| 1.3.9 | Contact Information: - Physical Address (City) | Tenal |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73569 |
| 1.3.11 | Contact Information: - County | Jefferson |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB Some Rural residents between Terral&Ryan |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 386 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 326 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 386 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 350 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 325 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 220 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 220 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 220 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.035 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.03 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 38600 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 8.56 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.10.1 | Source of estimated percentages | Usage records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water dist #1 Hastings, OK |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.85 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.20736 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 7.5 |

| | | |
|--------|--|---|
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | Very Minimal problems or repairs since 1994 |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Waiting on grant |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | RINGLING MUNICIPAL AUTHORITY |
| 1.2.1 | PWSID Number | 2003404 |
| 1.2.2 | PWSID Number | 2003404 |
| 1.3.1 | Contact Information: - Name | CINDY MORRIS |
| 1.3.2 | Contact Information: - Title | DEPUTY CITY CLERK |
| 1.3.3 | Contact Information: - Phone Number | 580 662-2264 |
| 1.3.4 | Contact Information: - E-Mail Address | townofringling@yahoo.com |
| 1.3.6 | Contact Information: - Mailing Address (City) | PO BOX 565 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73456 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 21 N 5TH |
| 1.3.9 | Contact Information: - Physical Address (City) | RINGLING |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73456 |
| 1.3.11 | Contact Information: - County | JEFFERSON |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 591 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 591 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 591 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 591 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 591 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 120000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 120000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 120000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 120000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 120000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.192 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 35103000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 30 |
| 3.10.1 | Source of estimated percentages | HISTORIC WATER DATA |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CORNISH WATER DEPT |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2.287 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | RURAL WATER |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |

| | | |
|--------|--|---------------------------------|
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.115 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 2.925 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | NEED NEW WATER WELL |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | NEED SOME NEW WATER LINES |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 50 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 15 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Jackson Co Water |
| 1.2.1 | PWSID Number | 2003306 |
| 1.2.2 | PWSID Number | 2003306 |
| 1.3.1 | Contact Information: - Name | David Parsons |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.563.2374 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 15402 5CR 2111 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Blair, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73526 |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Jackson Co Water Corp. |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2587.5 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2737.5 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2887.5 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3037.5 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3187.5 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1035 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1095 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1155 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1215 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1275 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 400000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 800000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1200000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1600000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 462000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 141455700 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 79 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 19 |
| 3.10.1 | Source of estimated percentages | 20 percent |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Headrick |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.3 | Is the water potable (treated) or raw (needs treatment)? | Some of each |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2596000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Altus |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Duke |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 141455700 |

| | | |
|--------|--|----------------|
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 10 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 40 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.0216 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 53253700 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 8 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New Well Sites |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Blair Public Works Authority |
| 1.2.1 | PWSID Number | 2003304 |
| 1.2.2 | PWSID Number | 2003304 |
| 1.3.1 | Contact Information: - Name | Greg Winters |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-563-2218 |
| 1.3.4 | Contact Information: - E-Mail Address | GWinterswdw@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 458 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Blair |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73528 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 118 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Blair |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73528 |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1050 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 487 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 487 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 514 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 539 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.126 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.126 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.133 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.14 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 45820000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 69 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 19 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 12 |
| 3.10.1 | Source of estimated percentages | Billing Software |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 100 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 36 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 11455000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 45820000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 1406215.8 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.8.10 | Type of treatment plant | Chlorine Pump--not plant |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 17 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9 |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Hughes County RWD # 6 |
| 1.2.1 | PWSID Number | 2003224 |
| 1.2.2 | PWSID Number | 2003224 |
| 1.3.1 | Contact Information: - Name | clifford tatum |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 580-892-3677 |
| 1.3.4 | Contact Information: - E-Mail Address | cliff_tatum@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 327 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Allen |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74825 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 716 Elder Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Gerty |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74531 |
| 1.3.11 | Contact Information: - County | Hughes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 19 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1312 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1688 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 500 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 525 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 675 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.17 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.178 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.204 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.229 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.211 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 60.772 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 46 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 35 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 19 |
| 3.10.1 | Source of estimated percentages | Computer Reports |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Hughes County RWD # 4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 21.062 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 603 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 16 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0425 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 60.772 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 31 |

| | | |
|--------|--|---------------------------------|
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.11 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.11 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.075 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.091 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.105 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.105 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 27.425 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 33.347 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1992 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1992 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | New well |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | New well |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New wells |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 250 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of calvin |
| 1.2.1 | PWSID Number | 2003201 |
| 1.2.2 | PWSID Number | 2003201 |
| 1.3.1 | Contact Information: - Name | bud barns |
| 1.3.2 | Contact Information: - Title | water superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-221-0218 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 368 |
| 1.3.6 | Contact Information: - Mailing Address (City) | calvin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74531 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 209 Canadian st |
| 1.3.9 | Contact Information: - Physical Address (City) | calvin |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74531 |
| 1.3.11 | Contact Information: - County | hughes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 186 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 30000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 30500 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10.95 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | billing register |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 4 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.028 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 10.95 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4 |

| | | |
|--------|--|---------------------------------|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Buffalo |
| 1.2.1 | PWSID Number | 2003003 |
| 1.2.2 | PWSID Number | 2003003 |
| 1.3.1 | Contact Information: - Name | Joe McVicker |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-735-2030 |
| 1.3.4 | Contact Information: - E-Mail Address | mcvicker@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O.Box 439 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Buffalo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73834 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 610 N. Hoy St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Buffalo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73834 |
| 1.3.11 | Contact Information: - County | Harper |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 520 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.225 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |

| Question # | Question | Answer |
|------------|--|---------------------------|
| 1.1.1 | Provider Name | Town of Laverne |
| 1.2.1 | PWSID Number | 2003002 |
| 1.2.2 | PWSID Number | 2003002 |
| 1.3.1 | Contact Information: - Name | Gabriel Hope |
| 1.3.2 | Contact Information: - Title | Town Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580.921.5121 |
| 1.3.4 | Contact Information: - E-Mail Address | lavelect@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 430 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Laverne |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73848 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 7th & Colorado |
| 1.3.9 | Contact Information: - Physical Address (City) | Laverne |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73848 |
| 1.3.11 | Contact Information: - County | Harper |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Summer water restrictions |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 693 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 725 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 756 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 756 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.419 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.439 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.458 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.458 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 159 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Self Estiment |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.10.1 | Source of estimated percentages | Self Estiment |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1968.6 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.14 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 159 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 24.79 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |

| | | |
|--------|--|--|
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 40 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 60 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Line is not good large amount of calcium buildup |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Harper Co Water |
| 1.2.1 | PWSID Number | OK2003001 |
| 1.2.2 | PWSID Number | 2003001 |
| 1.3.1 | Contact Information: - Name | Wallace Howard |
| 1.3.2 | Contact Information: - Title | Sec - Treasure |
| 1.3.3 | Contact Information: - Phone Number | 580.256.1403 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 3023 Yeager Dr. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Woodward |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73801 |
| 1.3.11 | Contact Information: - County | Woodward |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 205 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 320 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 177403 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 323598 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 64752442 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Total water used 3 wells |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 50 |
| 3.10.1 | Source of estimated percentages | well usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Town of Buffalo |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 451000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1060 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 4 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 24.25 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.044 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 64.75 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 19 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 270 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | harmon water corporation (Gould) |
| 1.2.1 | PWSID Number | 2002902 |
| 1.2.2 | PWSID Number | 2002902 |
| 1.3.1 | Contact Information: - Name | charles blevins |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 580-676-3331 |
| 1.3.4 | Contact Information: - E-Mail Address | charlesb@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 99 |
| 1.3.6 | Contact Information: - Mailing Address (City) | gould |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73544 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 122 w. olney |
| 1.3.9 | Contact Information: - Physical Address (City) | gould |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73544 |
| 1.3.11 | Contact Information: - County | harmon |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7.8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 590 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 575 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 560 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 550 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 750 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 780 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 785 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 780 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 800 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.21 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.21 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.22 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.23 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.24 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/5/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.24 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 78 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 36 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 45 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 15 |
| 3.10.1 | Source of estimated percentages | metering |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | city of gould |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | town of eldorado |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.3 | Is the water potable (treated) or raw (needs treatment)? | Some of each |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6.6 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4.6 |

| | | |
|--------|---|---------------------------------|
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 244.6 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 4 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 30 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.12 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 7 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 98 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 430 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 55 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 35 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | Hollis Public Water Supply |
| 1.2.1 | PWSID Number | OK2002901 |
| 1.2.2 | PWSID Number | 2002901 |
| 1.3.1 | Contact Information: - Name | Bob Copeland |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-688-9245 |
| 1.3.4 | Contact Information: - E-Mail Address | copebob@pldi.net |
| 1.3.8 | Contact Information: - Physical Address (Street) | 208 W. Jones |
| 1.3.9 | Contact Information: - Physical Address (City) | Hollis |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73550 |
| 1.3.11 | Contact Information: - County | Harmon |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2290 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2280 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2280 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2340 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1437 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1420 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1420 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1410 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.55 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.55 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.55 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.55 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.55 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2003 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 231.3 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | oesc |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | 2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.10.1 | Source of estimated percentages | Engineering report |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.432 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 231.3 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1020362 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1061330 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 553109 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1020362 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 231263800 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1950 |

| | | |
|--------|--|--|
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.10 | Type of treatment plant | Chlorine only |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | RO plant; tower rehab; line relocation |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Clearwell |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Tower 1 |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Tower 2 |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 236000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 250000 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 236000 |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | cleaning and rehabbing towers |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | See No. 11, relocating some 8" and 12" lines due to soil concerns, leaks, etc |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Nitrate standards unrealistic for small communities with limited funds to address this issue, DEQ nitrate standards are exceedingly difficult to meet if necessary to build RO plant, financing options are cost prohibitive for small towns |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Some improvements identified, but not funded |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Granite Public Works Authority |
| 1.2.1 | PWSID Number | 2002804 |
| 1.2.2 | PWSID Number | 2002804 |
| 1.3.1 | Contact Information: - Name | Laquita Paty |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-535-2116 |
| 1.3.4 | Contact Information: - E-Mail Address | graniteclerk@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 116 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Granite |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73547 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 420 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Granite |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 7347 |
| 1.3.11 | Contact Information: - County | Greer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 956 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 960 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 965 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 970 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 970 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 522 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 527 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 532 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 537 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 537 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.11 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.11 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.12 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.12 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.12 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/29/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.65 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 45 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 91 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 9 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Quartz Mountain Regional Water Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 45.6 |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 360 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.1 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 104 |

| | | |
|--------|--|---|
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 360 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 28 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 14 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 17 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 59 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Cleaned and painted 500,000 gal standpipe in July 2008 |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | We use Oklahoma State Reformatory Lagoons; have contract |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Granite has 2 wells that send raw water to the Quartz Mountain RWA and buy it back treated. They do not use their own wells directly. They furnish about 1/3 of their water needs to Quartz Mt. from the 2 wells. |

| Question # | Question | Answer |
|------------|--|-------------------------|
| 1.1.1 | Provider Name | City of Mangum |
| 1.2.1 | PWSID Number | 2002802 |
| 1.2.2 | PWSID Number | 2002802 |
| 1.3.1 | Contact Information: - Name | Terry Warren |
| 1.3.2 | Contact Information: - Title | General Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-782-2250 |
| 1.3.4 | Contact Information: - E-Mail Address | tw1480@yahoo.com |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 N. Oklahoma Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Mangum |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73554 |
| 1.3.11 | Contact Information: - County | Greer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 1 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2914 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2850 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2850 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2850 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1329 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1311 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1311 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1311 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.49 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.49 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.49 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 182.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Estimate |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Reed Water Corp |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Harmon Electric Coop |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12.7 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.236 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 10 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.18 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 170 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4.6 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10.3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |

| | | |
|--------|--|---------------------------------|
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Willow |
| 1.2.1 | PWSID Number | OK2002801 |
| 1.2.2 | PWSID Number | 2002801 |
| 1.3.1 | Contact Information: - Name | estelle, flemmons |
| 1.3.2 | Contact Information: - Title | Mayor, Tow of Willow |
| 1.3.3 | Contact Information: - Phone Number | 580-287-3398 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 103 West Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Willow |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73673 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 W. main |
| 1.3.9 | Contact Information: - Physical Address (City) | Willow |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73673 |
| 1.3.11 | Contact Information: - County | Greer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 114 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 114 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 110 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 110 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 105 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 101 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 101 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 101 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.036 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.035 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.035 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.035 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.048 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | We have three wells use as demand increases |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 42 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0.13 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 7 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| | | |
|--------|---|---------------------------------|
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Wakita |
| 1.2.1 | PWSID Number | 2002706 |
| 1.2.2 | PWSID Number | 2002706 |
| 1.3.1 | Contact Information: - Name | Kathy Morrison |
| 1.3.2 | Contact Information: - Title | City Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-594-2200 |
| 1.3.4 | Contact Information: - E-Mail Address | townwak@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 53 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wakita |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73771 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 112 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Wakita |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73771 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 47 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 420 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 420 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 412 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 408 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 220 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 220 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 220 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 220 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 220 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.75 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.75 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.75 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.75 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.75 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 4.956 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 27414500 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 88 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Town of Wakita |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |

| | | |
|--------|--|---|
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 583 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 18 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 27414500 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 27414500 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 144314 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Eventually replace water mains. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Funding for main replacements and operational costs are increasingly difficult for small towns with an aging population on fixed incomes. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Lamont |
| 1.2.1 | PWSID Number | OK2002705 |
| 1.2.2 | PWSID Number | 2002705 |
| 1.3.1 | Contact Information: - Name | Cynthia Morris |
| 1.3.3 | Contact Information: - Phone Number | 580/388-4360 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 414 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Lamont |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74643 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Lamont |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74643 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 29 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.3 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Toilet rebates |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 465 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 465 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 465 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 465 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 465 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 465 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 199 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 199 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 199 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 199 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 199 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 199 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 81737 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 81737 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 81737 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 81737 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 81737 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 81737 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 247200 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 27168700 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census bureau |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/1994 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 45 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 50 |
| 3.10.1 | Source of estimated percentages | Data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 240 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |

| | | |
|--------|--|---------------------------------|
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 60 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 9056233 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 27168700 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | n/a |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 74434.79 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 39224 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 27168700 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1998 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | e-coli (kripto) |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | n/a |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 75 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

27168699

74434.79

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Medford |
| 1.2.1 | PWSID Number | 2002704 |
| 1.2.2 | PWSID Number | 2002704 |
| 1.3.1 | Contact Information: - Name | Dea Kretchmar |
| 1.3.2 | Contact Information: - Title | City Mgr. |
| 1.3.3 | Contact Information: - Phone Number | 580-395-2823 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofmedfordok@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 123 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 615 N. Front |
| 1.3.9 | Contact Information: - Physical Address (City) | Medford |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73759 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1650 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1670 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1690 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 684 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 694 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 710 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 730 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.604 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.75 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.75 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.75 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.8 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.792 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 220.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | New water authority being discussed; one OK Oil Co. expan. |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 5 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 90 |
| 3.10.1 | Source of estimated percentages | Estimation |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | R&C Water Authority |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 26.6 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.107 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 220594 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| | | |
|--------|--|---------------------------------|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Pond Creek |
| 1.2.1 | PWSID Number | 2002702 |
| 1.2.2 | PWSID Number | 2002702 |
| 1.3.1 | Contact Information: - Name | City of Pond Creek |
| 1.3.2 | Contact Information: - Title | City Supt |
| 1.3.3 | Contact Information: - Phone Number | 580.532.4915 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 6 102 South 2nd |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pond Creek |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73766 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 South 2nd |
| 1.3.9 | Contact Information: - Physical Address (City) | Pond Creek |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73764 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB Sell to Rural Water SW |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 890 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 890 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 910 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 920 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 600 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 600 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 610 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 616 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 201 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 201 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 226 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 228 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 596 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 810 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Southwest Rural Water |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 236481000 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 810000000 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town Of Nash |
| 1.2.1 | PWSID Number | 2002701 |
| 1.2.2 | PWSID Number | 2002701 |
| 1.3.1 | Contact Information: - Name | Spencer LeForce |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-532-5215 |
| 1.3.4 | Contact Information: - E-Mail Address | spencerleforce@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 196 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Nash |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73761 |
| 1.3.8 | Contact Information: - Physical Address (Street) | W. Grand |
| 1.3.9 | Contact Information: - Physical Address (City) | Nash |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73761 |
| 1.3.11 | Contact Information: - County | Grant |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 1 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 191 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 143 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 150 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 45 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 45 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 45 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 45 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 50 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 105 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 4 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | self provided estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 16 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 8 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.12 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 16 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |

| | | |
|--------|---|---|
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 3.069 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 7 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Currently applying for grant(s) to replace and increase size of water distribution lines. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWSA & SWM Dist #7 Grady Co |
| 1.2.1 | PWSID Number | 2002633 |
| 1.2.2 | PWSID Number | 2002633 |
| 1.3.1 | Contact Information: - Name | Donny Cosby |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 405.224.2398 |
| 1.3.4 | Contact Information: - E-Mail Address | rwdno7@aol.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 51 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ninnekah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73067 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 694 Old Hwy 81 South |
| 1.3.9 | Contact Information: - Physical Address (City) | Ninnekah |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73067 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2837 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2913 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2989 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3065 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3141 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1135 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1165 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1195 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1225 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1255 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.31 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.31 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.31 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.31 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.31 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 575300 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 114.4 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.10.1 | Source of estimated percentages | Self-figured/Did not add up to 100 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Cement, Town of |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 114.4 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 7 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 325851 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 12 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 18 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 114.4 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 99 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|--|---------------------------------|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 126 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 13 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 8 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 46 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 46 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Minco |
| 1.2.1 | PWSID Number | 2002610 |
| 1.2.2 | PWSID Number | 2002610 |
| 1.3.1 | Contact Information: - Name | Kelly Rupp |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 405-352-4274 |
| 1.3.4 | Contact Information: - E-Mail Address | kellyrupp@cityofminco.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 512 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Minco |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73059 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 200 W Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Minco |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73059 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 31 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1672 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 763 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 780 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 800 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 105000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 107640 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 110400 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 138000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 165600 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 54.75 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/16/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | City Accounts/Utilities Clerk |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of El Reno |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Union City |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |

| | | |
|--------|--|---|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.06 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0.04 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 33280 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 9 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.122 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 67.89 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 62 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.576 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.152 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.15 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 54.75 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2000 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2000 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Total water line replacement |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 26 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Corrosion and mineral build-up in the lines |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| | | |
|----------|---|---------------------------|
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| Comments | | Well Shortages |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | TOWN OF RUSH SPRINGS |
| 1.2.1 | PWSID Number | OK2002609 |
| 1.2.2 | PWSID Number | 2002609 |
| 1.3.1 | Contact Information: - Name | RICK ADAMSON |
| 1.3.2 | Contact Information: - Title | WATER SUPERVISOR |
| 1.3.3 | Contact Information: - Phone Number | 580-476-3277 OR 580-476-3053 |
| 1.3.4 | Contact Information: - E-Mail Address | rschief25@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 708 |
| 1.3.6 | Contact Information: - Mailing Address (City) | RUSH SPRINGS |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73082 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 E. BLAKELY AVE. |
| 1.3.9 | Contact Information: - Physical Address (City) | RUSH SPRINGS |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73082 |
| 1.3.11 | Contact Information: - County | GRADY |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | US CENSUS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 13.5 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | NONE |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | NONE |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|-------------------------------|
| 1.1.1 | Provider Name | Tuttle Public Works Authority |
| 1.2.1 | PWSID Number | OK2002608 |
| 1.2.2 | PWSID Number | 2002608 |
| 1.3.1 | Contact Information: - Name | Tommy Joe Chester |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | (405) 381-2335 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 10 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tuttle |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73089 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 301 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Tuttle |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73089 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Grady #3 - LG.CDM |
| 1.2.1 | PWSID Number | 2002607 |
| 1.2.2 | PWSID Number | 2002607 |
| 1.3.1 | Contact Information: - Name | Grady Co. RWD#3 |
| 1.3.2 | Contact Information: - Title | Juanita Havens (Bookkeeper and Treasurer) |
| 1.3.3 | Contact Information: - Phone Number | 405-462-7595 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 322 McKee Ave |
| 1.3.9 | Contact Information: - Physical Address (City) | Bradley |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73011 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 187 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 80 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 9 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0325 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 3258000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Need New Well Need New Pipes All Over Town |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | 1 - Shallow Well |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Apply for Reap Grants as needed |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

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| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Grady County RWD #2 |
| 1.2.1 | PWSID Number | 2002605 |
| 1.2.2 | PWSID Number | 2002605 |
| 1.3.1 | Contact Information: - Name | Olen Ferrell |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 405.320.1367 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 306 Chickasha Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Amber |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73004 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 306 Chickasha Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Amber |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73004 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 455 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 210 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.035931 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 55960 gallon |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13.1149 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | DEQ |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Annual recorded usage |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Operator and utility records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Grady County RWD #6 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.077 |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 26 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.072 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 13114900 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 60 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |

| | | |
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| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Grady Co RWD 1 |
| 1.2.1 | PWSID Number | OK2002604 |
| 1.2.2 | PWSID Number | 2002604 |
| 1.3.1 | Contact Information: - Name | Gene Turner |
| 1.3.2 | Contact Information: - Title | System Manager |
| 1.3.3 | Contact Information: - Phone Number | 405.459.6731 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | BOX 907 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pocasset |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73079 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 298 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 298 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 298 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 298 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 120 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 116 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 116 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 116 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 116 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 17512 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 17512 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 17512 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 17512 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 17512 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.713 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 97 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.10.1 | Source of estimated percentages | Self Figured |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 24 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 18.5 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 6.392 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 14 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |

| | | |
|--------|---|---------------------------------|
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Alex |
| 1.2.1 | PWSID Number | 2002603 |
| 1.2.2 | PWSID Number | 2002603 |
| 1.3.1 | Contact Information: - Name | Mark Byrne |
| 1.3.2 | Contact Information: - Title | Public Work Mgr |
| 1.3.3 | Contact Information: - Phone Number | 405.785.2393 |
| 1.3.4 | Contact Information: - E-Mail Address | alexpws1@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 27 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73002 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 N Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Alex, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73002 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | O/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 635 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 210 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 240 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.4 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.6 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.7 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.7 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.7 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 71000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 11.3 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.10.1 | Source of estimated percentages | Meters |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 100 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.7 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | |

| | | |
|--------|--|---------------------------------|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.45 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 70 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 11.3 MGD |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1995 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2.1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Elmore City |
| 1.2.1 | PWSID Number | OK2002521 |
| 1.2.2 | PWSID Number | 2002521 |
| 1.3.1 | Contact Information: - Name | Paul Martin |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-788-2345 |
| 1.3.4 | Contact Information: - E-Mail Address | elmorecity@windstream.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 106 S main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Elmore City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73433 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 106 S. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Elmore City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73433 |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 0.18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 756 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 760 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 770 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 852 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 405 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 415 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 420 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 425 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 455 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.07 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.098 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.1 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.12 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.125 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23899400 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.10.1 | Source of estimated percentages | Water Billing software |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |

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|--------|--|---|
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Elmore City Rural Water Corp |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 16788300 |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 7963.157895 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 1 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 10 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.025 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.02 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 7.111 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 3.069 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Pauls Valley/lake longmire |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 16788300 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 60 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.212 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.212 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.09 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 0 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 0 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1964 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | turbidity |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.212 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | sandblast,& paint sedimentation basin,replace weir. Replace electric panels,and convert to computer operated plant,install & purchace any testing equipment or applicationequipment to comply with new DBP2 and Turbidity requirements. |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Rehabilitate existing backwash ponds,and lab building. |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Wild horse water shed |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 606 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0.79 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Generator for plant,Distribution lines for better fire protection. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | possible intake infrastructure improvements |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |

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| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | yes no funds in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.5.3 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | 0 |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | There is not near enough funding available for water projects in oklahoma. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Garvin County RWD#1 |
| 1.2.1 | PWSID Number | 2002516 |
| 1.2.2 | PWSID Number | 2002516 |
| 1.3.1 | Contact Information: - Name | Clint Morse |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | (405) 207-1077 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 5 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pauls Valley |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73075 |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 29 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1450 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1450 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1450 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 540 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 93741 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 120000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 120000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 120000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 120000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 237 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 49 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.10.1 | Source of estimated percentages | Meter Benefits |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | na |
| 4.1.2. | Do you utilize water from providers outside your district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Baxter Gray |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 34215573 |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 63829.78723 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 133060 |

| | | |
|--------|---|---|
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 48569000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 2.61 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | na |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | na |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | na |
| 6.12.3 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 3 | na |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | na |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | na |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | na |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | na |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 70 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 4 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 96 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Booster pump station. Inlet outlet on water tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | na |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Garvin County Rural Water District #2 |
| 1.2.1 | PWSID Number | ok2002514 |
| 1.2.2 | PWSID Number | 2002514 |
| 1.3.1 | Contact Information: - Name | Derek L. Taylor |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-756-0518 |
| 1.3.4 | Contact Information: - E-Mail Address | gcrwd@valornet.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 401 South Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Lindsay, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73052 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.9 | Contact Information: - Physical Address (City) | same |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | same |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1692 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1792 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1800 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1800 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | N/A |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 564 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 600 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 612 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 624 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 636 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | n/a |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 144295 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 150000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 150500 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 151000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 151500 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | n/a |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 239000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 52668000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 83 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |

| | | |
|--------|---|---------------------------------|
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | n/a |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | n/a |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | n/a |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 26340000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 52668000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 10.75 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | n/a |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | n/a |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | n/a |
| 5.13.4 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 4 | n/a |
| 5.13.5 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 5 | n/a |
| 5.13.6 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 6 | n/a |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Rural Water dist 6, Garvin County |
| 1.2.1 | PWSID Number | 3002515 2002511 |
| 1.2.2 | PWSID Number | 2002511 |
| 1.3.1 | Contact Information: - Name | Tom C. Whitaker |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 405.665.4436 |
| 1.3.4 | Contact Information: - E-Mail Address | twhitaker@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 636 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wynnewood |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73098 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 117 N. Dean A. McGee |
| 1.3.9 | Contact Information: - Physical Address (City) | Wynnewood |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73098 |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 34 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2750 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6050 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1600 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.115 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.657 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.189 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 86 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 500 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 31 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.115 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 47.465 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 29 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 205 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |

| | | |
|--------|--|---------------------------------|
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 97 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 2 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Straford Public Works Authority |
| 1.2.1 | PWSID Number | 2002503 |
| 1.2.2 | PWSID Number | 2002503 |
| 1.3.1 | Contact Information: - Name | lori jolley |
| 1.3.2 | Contact Information: - Title | town clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-759-2371 |
| 1.3.4 | Contact Information: - E-Mail Address | townofstratford@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 569 |
| 1.3.6 | Contact Information: - Mailing Address (City) | stratford |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74872 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 230 s. Hyden |
| 1.3.9 | Contact Information: - Physical Address (City) | stratford |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74872 |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 3 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1472 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 712 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 214000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 1/5/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.455 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 101.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.36 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1.44 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | very old distribution system |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We need help on replaceing lines in town |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Town of Stratford would like to see how we could get grants to replace the old lines in town |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | paoli |
| 1.2.1 | PWSID Number | 2002502 |
| 1.2.2 | PWSID Number | 2002502 |
| 1.3.1 | Contact Information: - Name | bobbie adams |
| 1.3.2 | Contact Information: - Title | waterworks supervisor |
| 1.3.3 | Contact Information: - Phone Number | 405-484-7844 |
| 1.3.4 | Contact Information: - E-Mail Address | baadams@brightok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 303 |
| 1.3.6 | Contact Information: - Mailing Address (City) | paoli |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73074 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 101 christi |
| 1.3.9 | Contact Information: - Physical Address (City) | paoli |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73074 |
| 1.3.11 | Contact Information: - County | garvin |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15.23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 657 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 750 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 251 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 260 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 300 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 325 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 450 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.07 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.9 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.25 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.75 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.87 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18.25 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.08 |

| | | |
|--------|--|--|
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 18.25 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | water tower repair |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 14 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.6 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.34 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 15 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | valves, lines & pumps need replacement |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Lindsay |
| 1.2.1 | PWSID Number | 2002501 |
| 1.2.2 | PWSID Number | 2002501 |
| 1.3.1 | Contact Information: - Name | City of Lindsay |
| 1.3.3 | Contact Information: - Phone Number | 405-756-4900 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 312 S. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Lindsay |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73052 |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2920 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2990 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3050 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1300 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1518 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1555 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1586 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.364 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.355 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.363 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.371 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.735 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 132.9 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | Past Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 165 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 14 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.121 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 132.9 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 2.5 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.85 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.85 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.364 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.732 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 132.9 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2000 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2000 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |

| | | |
|--------|--|---------------------------------|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Very few leaks. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Garfield Rural Water Dist #5 |
| 1.2.1 | PWSID Number | 2002444 |
| 1.2.2 | PWSID Number | 2002444 |
| 1.3.1 | Contact Information: - Name | Jack Herrrian |
| 1.3.2 | Contact Information: - Title | Manager operator |
| 1.3.3 | Contact Information: - Phone Number | 580.758.1373 |
| 1.3.4 | Contact Information: - E-Mail Address | sherrian@cimarron.coop |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 96 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bison |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73720 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Bison |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73720 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1307 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1327 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1347 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1367 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 700 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 710 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 720 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 740 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 780 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.156 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.158 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.16 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.17 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.172 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 177/1900 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.25 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 56841000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 15 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Drumond |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1070 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 25 |

| | | |
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| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 28420500 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 174 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | 0 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 0 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0 |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Two New Water Wells to replace old well |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 250 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 50 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 25 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Lahoma PWA |
| 1.2.1 | PWSID Number | 2002417 |
| 1.2.2 | PWSID Number | 2002417 |
| 1.3.1 | Contact Information: - Name | Scott Nolting |
| 1.3.2 | Contact Information: - Title | Utility Supt |
| 1.3.3 | Contact Information: - Phone Number | 580-796-2600 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 443 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2nd and Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Lahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73754 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 577 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 590 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 610 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 620 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 280 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 289 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 299 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 304 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.052 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.054 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.054 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.091 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 21.5 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 30 |
| 3.10.1 | Source of estimated percentages | meter readings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.072 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 21.4 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |

| | | |
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| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Garber Municipal Authority |
| 1.2.1 | PWSID Number | 2002416 |
| 1.2.2 | PWSID Number | 2002416 |
| 1.3.1 | Contact Information: - Name | Rodney Simmering |
| 1.3.2 | Contact Information: - Title | public works director |
| 1.3.3 | Contact Information: - Phone Number | 580-863-2254 |
| 1.3.4 | Contact Information: - E-Mail Address | waterdept@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 607 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Garber |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73738 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 437 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Garber |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73738 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 845 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 845 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 845 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 845 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 845 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 403 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 410 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 410 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 410 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 410 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 80000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 80000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 80000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 80000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 80000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 148000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | wellhead protection plan & hazare mitigation |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 7 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 80000 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 150 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 216000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 80000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 148000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2001 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.10 | Type of treatment plant | chlorination |

| | | |
|--------|--|---|
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | voc |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | maintance |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | RO system |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | R.O. system |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 40 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Town of Fairmont |
| 1.2.1 | PWSID Number | OK2002413 |
| 1.2.2 | PWSID Number | 2002413 |
| 1.3.1 | Contact Information: - Name | Carobelle Carson |
| 1.3.2 | Contact Information: - Title | clerk |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 59 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fairmont |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73738 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 147 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 67 |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Survey was given to the water operator to fill out and was not returned. I do not know the answers to the questions. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Enid |
| 1.2.1 | PWSID Number | 2002412 |
| 1.2.2 | PWSID Number | 2002412 |
| 1.3.1 | Contact Information: - Name | Bruce Boyd |
| 1.3.2 | Contact Information: - Title | Water Production Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580-231-1112 |
| 1.3.4 | Contact Information: - E-Mail Address | bboyd@enid.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1768 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Enid |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73701 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1500 W. Chestnut |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73702 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 47600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 48700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 52900 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 57100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 19136 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 19500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 20800 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 22500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 9.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 12.7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 15.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 17.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 15.3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 3200 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | utility billing |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Saltfork Water authority |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Waukomis |

| | | |
|---------|--|--|
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Lahoma |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Perry Acres |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Quail Meadows |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.8 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.14.11 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 16662000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3200000 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1000000 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6000000 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 18000000 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 54 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 60000 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 134 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 35 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 32000000000 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 201 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 98 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 29 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.7 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4.7 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.7 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 27 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 15 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | water line replacement |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 787.3 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 4.5 |
| 7.4.3 | Which type(s) of reuse is (are) practiced? | Industrial |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 0.065 |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We are currently working on a 50 year water master plan, should be finished in 2009. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Waukomis |
| 1.2.1 | PWSID Number | 2002410 |
| 1.2.2 | PWSID Number | 2002410 |
| 1.3.1 | Contact Information: - Name | David Crisson |
| 1.3.2 | Contact Information: - Title | utility Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-758-1146 |
| 1.3.4 | Contact Information: - E-Mail Address | davidcrisson@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 121 s. main street |
| 1.3.6 | Contact Information: - Mailing Address (City) | waukomis |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73773 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 121 s. main |
| 1.3.9 | Contact Information: - Physical Address (City) | waukomis |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73773 |
| 1.3.11 | Contact Information: - County | garfield |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1302 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1350 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 599 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 610 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 615 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 620 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 630 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.12 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.122 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.123 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.124 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.126 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.15 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6069000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | estimating |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 32 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 33 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Enid |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2.8 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |

| | | |
|--------|--|---|
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.025 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 45.532 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.288 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.15 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.12 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.12 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 45.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1960 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0.25 |
| 6.18.1 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and they are fully funded |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.76 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Kremlin-Hillsdale RWD # 1 |
| 1.2.1 | PWSID Number | ok2002402 |
| 1.2.2 | PWSID Number | 2002402 |
| 1.3.1 | Contact Information: - Name | James Craig |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-554-0182 |
| 1.3.4 | Contact Information: - E-Mail Address | thunder1032@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 13 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Kremlin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73753 |
| 1.3.11 | Contact Information: - County | Garfield |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 275 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.113 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 41.3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 33 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 24 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 34 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 9 |
| 3.10.1 | Source of estimated percentages | year end report |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Kremlin |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Hillsdale |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 10.9 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.2 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 41.3 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |

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| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of Arnett |
| 1.2.1 | PWSID Number | 2002305 |
| 1.2.2 | PWSID Number | 2002305 |
| 1.3.1 | Contact Information: - Name | Terri Shirley |
| 1.3.2 | Contact Information: - Title | Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 580-885-7833 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofarnett@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 344 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Arnett |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73832 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 219E. Renfrow |
| 1.3.9 | Contact Information: - Physical Address (City) | Arnett |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73832 |
| 1.3.11 | Contact Information: - County | Ellis |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 325 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 330 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 340 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 11/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | |
| 3.5.1 | Total Water Produced in 2007 (MG) | 42 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | Arnett |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 1 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 60 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | TOWN OF SHATTUCK |
| 1.2.1 | PWSID Number | 2002304 |
| 1.2.2 | PWSID Number | 2002304 |
| 1.3.1 | Contact Information: - Name | L.R. HOLLEY |
| 1.3.2 | Contact Information: - Title | TOWN ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 580-938-2916 |
| 1.3.4 | Contact Information: - E-Mail Address | shattuckwater@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 670 |
| 1.3.6 | Contact Information: - Mailing Address (City) | SHATTUCK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73858 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 405 S MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | SHATTUCK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73858 |
| 1.3.11 | Contact Information: - County | ELLIS |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1243 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1510 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1520 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1520 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1520 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 817 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 250 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/8/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1045 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 134365000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | billings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 134365000 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 50 |

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| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 25 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Fargo |
| 1.2.1 | PWSID Number | 2002303 |
| 1.2.2 | PWSID Number | 2002303 |
| 1.3.1 | Contact Information: - Name | Randy Howard |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-698-2635 |
| 1.3.4 | Contact Information: - E-Mail Address | donna@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 71 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fargo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73840 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 200 south main |
| 1.3.9 | Contact Information: - Physical Address (City) | Fargo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73840 |
| 1.3.11 | Contact Information: - County | Ellis |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 6 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 186 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.04441 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.199 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | survey for grant |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 91 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | water billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 221 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 80 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.04441 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 16266000 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | additional wells and water tank. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |

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| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | city of gage |
| 1.2.1 | PWSID Number | 2002301 |
| 1.2.2 | PWSID Number | 2002301 |
| 1.3.1 | Contact Information: - Name | dale c. burtnety |
| 1.3.2 | Contact Information: - Title | water supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-923-7727 |
| 1.3.4 | Contact Information: - E-Mail Address | dburtnett@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 513 n. main st |
| 1.3.6 | Contact Information: - Mailing Address (City) | box 328 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73843 |
| 1.3.11 | Contact Information: - County | ellis |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 429 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 390 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 390 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 242 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 224 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 218 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 218 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.08 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.067 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.066 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.066 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/22/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.21 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 32 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 92 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | owrb annual water use reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.08 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 32 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |

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| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | how do you arrive at future population projections |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Taloga Public Works |
| 1.2.1 | PWSID Number | OK2002207 |
| 1.2.2 | PWSID Number | 2002207 |
| 1.3.1 | Contact Information: - Name | Linda Stidham |
| 1.3.2 | Contact Information: - Title | clerk |
| 1.3.3 | Contact Information: - Phone Number | 5803285444 |
| 1.3.4 | Contact Information: - E-Mail Address | townofaloga@dobsonteleco.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 307 |
| 1.3.6 | Contact Information: - Mailing Address (City) | taloga |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73667 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 328 so. broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | taloga |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73667 |
| 1.3.11 | Contact Information: - County | dewey |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 372 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 172 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 140 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | monthly billing |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1993 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | upkeep |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | general maintenance |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | I needed help in answering some of the questions. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Seiling PWA |
| 1.2.1 | PWSID Number | 2002205 |
| 1.2.2 | PWSID Number | 2002205 |
| 1.3.1 | Contact Information: - Name | Karen Riffel |
| 1.3.2 | Contact Information: - Title | Town Admin |
| 1.3.3 | Contact Information: - Phone Number | 580.922.4460 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1043 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Seiling, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73663 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 315 N Main |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73663 |
| 1.3.11 | Contact Information: - County | Dewey |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 875 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 900 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 524 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 538 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 555 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 574 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 596 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 16259 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 16600 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 17204 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 17531 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2000 Census |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 54 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 43 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 3 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 233 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 3 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.1584 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0.396 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 34 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 44.7 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 44.7 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.5 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.4548 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.468 |
| 6.1.3 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 3 | 0.4608 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.216 |

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| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.216 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.183 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 67 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2002 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 22 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 72 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Town of Vici |
| 1.2.1 | PWSID Number | 2002203 |
| 1.2.2 | PWSID Number | 2002203 |
| 1.3.2 | Contact Information: - Title | operator |
| 1.3.3 | Contact Information: - Phone Number | 580-995-3355 |
| 1.3.4 | Contact Information: - E-Mail Address | tovwg@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 183 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Vici |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73859 |
| 1.3.11 | Contact Information: - County | Dewey |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 750 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 850 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 425 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 456 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 485 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 513 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.175 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.188 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.211 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 63.875 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 94 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.10.1 | Source of estimated percentages | City Data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Merle Guthrie Well |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Jim Borden Well |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 33 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 43750 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 60 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |

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| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Bernice Public Works Authority |
| 1.2.1 | PWSID Number | 2002166 |
| 1.2.2 | PWSID Number | 2002166 |
| 1.3.1 | Contact Information: - Name | Shannon Furnish |
| 1.3.2 | Contact Information: - Title | Clerk, Secretary and Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-256-7777 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 3771 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bernice |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74331 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 209 S. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Bernice |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74331 |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Public Trust |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 43 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2700 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3000 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2007 - 504-Winter; 2010 - 510-Winter; 2020 - 520-Winter; 2030 - 540-Winter; 2060 - 560-Winter; |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 422 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 428 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 438 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 458 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 468 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.073 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.073 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.073 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.073 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.073 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/7/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 275000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23486000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Monthly Operation Report |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 25 |
| 3.10.1 | Source of estimated percentages | Monthly Operation Report/ Loss report |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Afton P.W.A. |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.146 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Afton P.W.A. |

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| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 7 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.504 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 23486000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.72 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.72 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1975 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | doors, windows, paint, outside shed repairs |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | we would like to replace smaller lines to 6 or 8 inch, but not enough funding. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.1 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | Yes |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Kansas Public Works |
| 1.2.1 | PWSID Number | 2002135 |
| 1.2.2 | PWSID Number | 2002135 |
| 1.3.1 | Contact Information: - Name | Tonya Kaiser |
| 1.3.2 | Contact Information: - Title | Office Mgr |
| 1.3.3 | Contact Information: - Phone Number | 918-868-2198 |
| 1.3.4 | Contact Information: - E-Mail Address | tok@ssteco.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 195 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 150 S. Cherokee |
| 1.3.9 | Contact Information: - Physical Address (City) | Kansas |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74347 |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 685 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 920 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1040 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 345 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 460 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 520 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.105 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.122 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.14 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.159 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.125 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 38.4 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | community resource group |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | crg/phil ross |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 40 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 27 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.043 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 38.44 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.043 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.238 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.043 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.125 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 38 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1965 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|--|---------------------------------|
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CUSTER CITY PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 2002009 |
| 1.2.2 | PWSID Number | 2002009 |
| 1.3.1 | Contact Information: - Name | RON FERGASON |
| 1.3.2 | Contact Information: - Title | SUPERINTENDENT |
| 1.3.3 | Contact Information: - Phone Number | 580-593-2312 |
| 1.3.4 | Contact Information: - E-Mail Address | ccpwa@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 644 MAIN STREET |
| 1.3.6 | Contact Information: - Mailing Address (City) | P.O. BOX 8 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73639 |
| 1.3.11 | Contact Information: - County | CUSTER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 393 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 425 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 430 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 445 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 225 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 225 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 230 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 235 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 235 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.08 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 145000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 27980000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CUSTER RURAL WATER DIST. 3 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 320 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 34 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.216 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 27.98 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | NEED NEW WATER TOWER IN TOWN. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Weatherford |
| 1.2.1 | PWSID Number | 2002002 |
| 1.2.2 | PWSID Number | 2002002 |
| 1.3.1 | Contact Information: - Name | Trent Perkins |
| 1.3.2 | Contact Information: - Title | Water Supt |
| 1.3.3 | Contact Information: - Phone Number | 580.774.2450 |
| 1.3.4 | Contact Information: - E-Mail Address | water@cityofweatherford.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 522 W Rainey |
| 1.3.6 | Contact Information: - Mailing Address (City) | Weatherford |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73096 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 624 E Clark |
| 1.3.9 | Contact Information: - Physical Address (City) | Weatherford |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73096 |
| 1.3.11 | Contact Information: - County | Custer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 9958 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 10500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 11000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 11500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 12000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5000 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1500000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1800000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2000000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2200000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3580000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 539 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 6 |
| 3.10.1 | Source of estimated percentages | Determined by meter sets |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 30 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 100000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 539000000 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 30240000 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 34560000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.8 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 1.6 |

| | | |
|--------|--|---|
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 800000 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 700000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.5 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 1.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 269000000 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 273000000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1948 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1964 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1989 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Planned Arsenic removal Plants |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 50 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Thomas |
| 1.2.1 | PWSID Number | OK2002001 |
| 1.2.2 | PWSID Number | 2002001 |
| 1.3.1 | Contact Information: - Name | Joe Don Conkin |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 418 N 6th |
| 1.3.6 | Contact Information: - Mailing Address (City) | Thomas |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73669 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 418 N 6th |
| 1.3.9 | Contact Information: - Physical Address (City) | Thomas |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73669 |
| 1.3.11 | Contact Information: - County | Custer |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1240 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 557 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 42292000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | Water bills |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | none |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | N/A |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 52136160 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 42292000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 81 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.140645 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.115 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 42000000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1957 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.10 | Type of treatment plant | Chlorination |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | No |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.25 |

| | | |
|--------|---|---------------------------------|
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 60 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | creek county rural water #5 |
| 1.2.1 | PWSID Number | 2001994 |
| 1.2.2 | PWSID Number | 2001994 |
| 1.3.1 | Contact Information: - Name | joe clayton |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-865-3289 |
| 1.3.4 | Contact Information: - E-Mail Address | ccrwd05jp@cimtel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | po box 878 |
| 1.3.6 | Contact Information: - Mailing Address (City) | mannford |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74044 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2659 hwy 48 |
| 1.3.9 | Contact Information: - Physical Address (City) | mannford |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74044 |
| 1.3.11 | Contact Information: - County | creek |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2765 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2975 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3675 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4375 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6475 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 860 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 920 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1120 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1320 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1920 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.158 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.29 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.92 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.68 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2.38 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.237 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 58.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/13/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 83 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |

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| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | previous growth statistics |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 675 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 7 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 19962 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 58291000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 26 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 56 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 19 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 19 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 50 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1- new well to be installed. 2- of 4" pvc to be replaced with 6" poly. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | city of bristow |
| 1.2.1 | PWSID Number | ok2001910 |
| 1.2.2 | PWSID Number | 2001910 |
| 1.3.1 | Contact Information: - Name | linda tate |
| 1.3.2 | Contact Information: - Title | finance director |
| 1.3.3 | Contact Information: - Phone Number | 918-367-6233 |
| 1.3.4 | Contact Information: - E-Mail Address | ltatezz@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 110 w 7th |
| 1.3.6 | Contact Information: - Mailing Address (City) | bristow |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74010 |
| 1.3.11 | Contact Information: - County | creek |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1625 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1725 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 418000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.73 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.81 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.96 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.62 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 150.671 |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2006 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Slick, Oklahoma |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 10095 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 930.8 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 858 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replace line on main st. Funding not inplace. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Depew |
| 1.2.1 | PWSID Number | 2001903 |
| 1.2.2 | PWSID Number | 2001903 |
| 1.3.1 | Contact Information: - Name | Carl Sands |
| 1.3.2 | Contact Information: - Title | PWD |
| 1.3.3 | Contact Information: - Phone Number | 918-324-5251 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 357 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Depew |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74028 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 497 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Depew |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74028 |
| 1.3.11 | Contact Information: - County | Creek |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 564 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 640 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 680 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 213 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 228 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 243 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 258 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.041 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.044 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.046 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.049 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/19/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 65000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14860000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 72 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 21 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.10.1 | Source of estimated percentages | Water billings |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 14860000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

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| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | city of drumright |
| 1.2.1 | PWSID Number | 2001902 |
| 1.2.2 | PWSID Number | 2001902 |
| 1.3.1 | Contact Information: - Name | george jones |
| 1.3.2 | Contact Information: - Title | city manager |
| 1.3.3 | Contact Information: - Phone Number | 918-352-2631 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 122 w. broadway |
| 1.3.6 | Contact Information: - Mailing Address (City) | 74030 |
| 1.3.11 | Contact Information: - County | creek |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 56.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3005 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1339 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1300 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1300 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1300 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.55 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.52 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.52 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.52 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.52 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 625600 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0.195 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 76 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 24 |
| 3.10.1 | Source of estimated percentages | historical billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 9 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 51 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 60000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 195.099 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.53 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.62 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 195 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | increase capacity |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | bulk water storage # 1 |

540000

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| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1000000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 1000000 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | replace metal span roof |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | new wells drilled |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 35 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 55 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Bluejacket Public Works Authority |
| 1.2.1 | PWSID Number | OK2001802 |
| 1.2.2 | PWSID Number | 2001802 |
| 1.3.1 | Contact Information: - Name | Sheila Brigstock |
| 1.3.2 | Contact Information: - Title | Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-784-2382 |
| 1.3.4 | Contact Information: - E-Mail Address | tobluejacket@junct.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 59 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bluejacket |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74333 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 122 SE Third St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Bluejacket |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74333 |
| 1.3.11 | Contact Information: - County | Craig |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 274 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 127 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 36000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | ? Usage is checked daily |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 36,000 daily |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 13.14 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | All |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Prices for testing water is going to become tough for small towns. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | I am just the clerk, I filled this survey out the best I could. Thanks, Sheila |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Welch Public Works Authority |
| 1.2.1 | PWSID Number | 2001801 |
| 1.2.2 | PWSID Number | 2001801 |
| 1.3.1 | Contact Information: - Name | Harley Malone |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-788-3616 |
| 1.3.4 | Contact Information: - E-Mail Address | welchwater@nationsnetwork.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 124 West 3rd Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Welch, Okla. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | P.O.Box 277 74369 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 124 West 3rd Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Welch, Okla. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74369 |
| 1.3.11 | Contact Information: - County | Craig |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1250 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 389 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.109 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.109 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.162 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 39.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 96 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | Billing Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.055 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 39.6 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.25 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.25 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.109 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.16 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 39.6 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1996 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | unknown |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | WE need a new well cased to the oquafier |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 26 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |

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| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|-------------------------|
| 1.1.1 | Provider Name | city of elgin |
| 1.2.1 | PWSID Number | ok 2001610 |
| 1.2.2 | PWSID Number | 2001610 |
| 1.3.1 | Contact Information: - Name | machelle reynolds |
| 1.3.2 | Contact Information: - Title | utility clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-492-5777 |
| 1.3.4 | Contact Information: - E-Mail Address | coe-utility@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 310 |
| 1.3.6 | Contact Information: - Mailing Address (City) | elgin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73538 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 8183 st hwy 17 |
| 1.3.9 | Contact Information: - Physical Address (City) | elgin |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73538 |
| 1.3.11 | Contact Information: - County | comanche |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1530 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1630 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1730 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1730 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 640 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 650 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 670 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 690 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 730 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.149 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.152 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.156 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.161 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.17 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/31/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.17 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 54 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 16 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.149 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 54.7 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 22 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |

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| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | new distribution line to town from wells to new tower |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | grass land |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Indiahoma PWA |
| 1.2.1 | PWSID Number | 2001609 |
| 1.2.2 | PWSID Number | 2001609 |
| 1.3.1 | Contact Information: - Name | Connie McCarthy |
| 1.3.2 | Contact Information: - Title | Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-246-3572 |
| 1.3.4 | Contact Information: - E-Mail Address | indiahomaclerk@onlin.ok |
| 1.3.8 | Contact Information: - Physical Address (Street) | 900 Indianoma Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Indiahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73552 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 350 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 430 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 275 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 316 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 340 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 356 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.02 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.023 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.025 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.0259 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/8/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.04 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 7.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Comanche RWD #4 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4.51 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 22 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0205 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 7.5 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Comanche RWD 4 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 0 |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | fl |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Tom Steed (Comanche RWD 4 uses) |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Very little maintenance required |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | But no funding in place. Treatment plan for well or purchase more rural water |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Chattanooga |
| 1.2.1 | PWSID Number | OK2001608 |
| 1.2.2 | PWSID Number | 2001608 |
| 1.3.1 | Contact Information: - Name | Denise Fritts |
| 1.3.2 | Contact Information: - Title | Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-597-3390 |
| 1.3.4 | Contact Information: - E-Mail Address | townofchatty@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 165 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Chattanooga |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73528 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 302 3rd St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Chattanooga |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73528 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 548 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 545 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 180 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 185 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 33463 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 34260 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 12046700 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.10.1 | Source of estimated percentages | 2007 usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 100 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 17.5 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 1750000 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Sterling PWA |
| 1.2.1 | PWSID Number | 2001601 |
| 1.2.2 | PWSID Number | 2001601 |
| 1.3.1 | Contact Information: - Name | Michael Galindo |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 1 (580) 365-4445 |
| 1.3.4 | Contact Information: - E-Mail Address | sterlingcityhall@wichitaonline.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 277 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sterling |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73567 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Sterling City Hall #2 North 2nd |
| 1.3.9 | Contact Information: - Physical Address (City) | Sterling |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73567 |
| 1.3.11 | Contact Information: - County | Comanche |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 762 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 775 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 298 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 325 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 350 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.08 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.08 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.09 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/26/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 29959400 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.10.1 | Source of estimated percentages | Self Provided |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.08 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 29959400 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.08 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.1 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 29 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1983 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.10 | Type of treatment plant | WTP 1 Chlorination only |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | cost to produce potable water |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |

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| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | New pipeline and improvements to chlorine treatment facility |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Sterling water tower |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 0.92 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 300000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | None at this time. |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New pump house New chlorine injection design New chlorine pump New booster pumps |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None at this time. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | None at this time. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Dill City |
| 1.2.1 | PWSID Number | 2001507 |
| 1.2.2 | PWSID Number | 2001507 |
| 1.3.1 | Contact Information: - Name | Michael Allen |
| 1.3.2 | Contact Information: - Title | Water Plant Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580.674.3376 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 37 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Dill City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73641 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 701 S McDonald |
| 1.3.9 | Contact Information: - Physical Address (City) | Dill City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73641 |
| 1.3.11 | Contact Information: - County | Washita |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 526 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 540 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 560 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 580 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 223 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 227 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 235 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 244 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 252 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.034 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.03 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.032 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.033 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.034 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14.7 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 17 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 14700000 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 0.75 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2.5 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Lehigh |
| 1.2.1 | PWSID Number | 2001501 |
| 1.2.2 | PWSID Number | 2001501 |
| 1.3.1 | Contact Information: - Name | David Townsend |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-927-9953 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 121 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 204 W. 2nd Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Lehigh |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74556 |
| 1.3.11 | Contact Information: - County | Coal |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 350 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 167 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 180 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 190 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 230 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.03 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.035 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.04 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.045 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.045 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10.8 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Estimate |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Meters |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 64 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0037 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 10.8 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2.5 |

| | | |
|--------|--|---------------------------------|
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Moore |
| 1.2.1 | PWSID Number | 2001412 |
| 1.2.2 | PWSID Number | 2001412 |
| 1.3.1 | Contact Information: - Name | Steve Eddy |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-793-5200 |
| 1.3.4 | Contact Information: - E-Mail Address | seddy@cityofmoore.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 301 N. Broadway |
| 1.3.6 | Contact Information: - Mailing Address (City) | Moore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73160 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 301 N. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Moore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73160 |
| 1.3.11 | Contact Information: - County | Cleveland |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 16 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 50117 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 52307 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 55492 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 58872 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 70296 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 20300 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 20923 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 22197 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 23549 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 28118 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 5.8 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 7.8 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 8.3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 8.8 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 10.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 8.12 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2067 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 76 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 16 |
| 3.10.1 | Source of estimated percentages | Internal water records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |

| | | |
|--------|--|-------------------|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 870 |
| 5.1.1 | Total number of groundwater permits issued to provider | 12 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 9512.8 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 18 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 34.3 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.2 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 769.1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 12 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20.8 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 432.7 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Noble |
| 1.2.1 | PWSID Number | 2001411 |
| 1.2.2 | PWSID Number | 2001411 |
| 1.3.1 | Contact Information: - Name | Bob Wade |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 405.872.9251 |
| 1.3.4 | Contact Information: - E-Mail Address | bobwade@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 557 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Noble |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73068 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 304 S. Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Noble |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73068 |
| 1.3.11 | Contact Information: - County | Cleveland |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 8500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 15000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2089 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2256 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2830 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3207 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5660 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.707328 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 535.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 667.7 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 761 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2069.9 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 544 |
| 3.5.1 | Total Water Produced in 2007 (MG) | |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 76 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 9 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 13 |
| 3.10.1 | Source of estimated percentages | Actual water billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Bill Fisher Family |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1660 |

127.27273

| | | |
|--------|--|--|
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 6 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 138.7 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 85.1 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | I think this type of planning is critical for municipalities. I would like to see regional and state-wide solutions. |

| Question # | Question | Answer |
|------------|---|----------------------|
| 1.1.1 | Provider Name | CITY OF LEXINGTON |
| 1.2.1 | PWSID Number | OK2001409 |
| 1.2.2 | PWSID Number | 2001409 |
| 1.3.1 | Contact Information: - Name | DELBERT HENDERSON |
| 1.3.2 | Contact Information: - Title | WATER OPERATOR |
| 1.3.3 | Contact Information: - Phone Number | 405-527-6123 |
| 1.3.4 | Contact Information: - E-Mail Address | LEXINGTON@ONENET.NET |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 1180 |
| 1.3.6 | Contact Information: - Mailing Address (City) | LEXINGTON |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73051 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 E. BROADWAY |
| 1.3.9 | Contact Information: - Physical Address (City) | LEXINGTON |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73051 |
| 1.3.11 | Contact Information: - County | CLEVELAND |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 887 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.35 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Boise City Public Works Authority |
| 1.2.1 | PWSID Number | OK2001303 |
| 1.2.2 | PWSID Number | 2001303 |
| 1.3.1 | Contact Information: - Name | Rodney W. Avery |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-544-2271 |
| 1.3.4 | Contact Information: - E-Mail Address | rwavery@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 129 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Boise City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73933 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 23 North Logan |
| 1.3.9 | Contact Information: - Physical Address (City) | Boise City, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73933 |
| 1.3.11 | Contact Information: - County | Cimarron |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1239 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1362 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1499 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1649 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1814 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 796 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 875 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 963 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1059 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1409 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.42 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.48 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.55 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.63 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.95 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/19/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.96 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 153.4 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Estimate |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 87 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 7 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1980 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 6 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 31 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.07 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 153 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.24 |

| | | |
|--------|--|---|
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 22.23 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3.34 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 29 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Information for this report was not readily available, so much of this is quessing. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Keyes Utility Authority |
| 1.2.1 | PWSID Number | 2001302 |
| 1.2.2 | PWSID Number | 2001302 |
| 1.3.1 | Contact Information: - Name | J. C. Moser |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-546-7651 |
| 1.3.4 | Contact Information: - E-Mail Address | keyesua@pts.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 121 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Keyes |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73947 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 106 East Third |
| 1.3.9 | Contact Information: - Physical Address (City) | Keyes |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73947 |
| 1.3.11 | Contact Information: - County | Cimarron |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 212 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 210 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 212 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 210 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.09 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.09 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.08 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.06 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.04 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.34 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 33.33 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | Data From Billing Sources |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.05 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 33.33 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 83 |

| | | |
|--------|--|---------------------------------|
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 17 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--------------------------------|
| 1.1.1 | Provider Name | Fort Towson Water Supply |
| 1.2.1 | PWSID Number | OK2001207 |
| 1.2.2 | PWSID Number | 2001207 |
| 1.3.1 | Contact Information: - Name | Anthony Carroll |
| 1.3.2 | Contact Information: - Title | Maintenance Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-873-2628 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 351 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fort Towson |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74735 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 112 East Valliant |
| 1.3.9 | Contact Information: - Physical Address (City) | Fort Towson |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74735 |
| 1.3.11 | Contact Information: - County | Choctaw |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 9 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 611 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 620 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 650 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 391 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/20/2007 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 16186900 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | usage history |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Boswell Public Works Authority |
| 1.2.1 | PWSID Number | OK-2001205 |
| 1.2.2 | PWSID Number | 2001205 |
| 1.3.1 | Contact Information: - Name | Israel Beddo |
| 1.3.2 | Contact Information: - Title | Water Dept. Superintendent |
| 1.3.3 | Contact Information: - Phone Number | (580)317-6807 |
| 1.3.4 | Contact Information: - E-Mail Address | NA |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 410 6th Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Boswell Oklahoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74727 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 410 6th Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Boswell Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74727 |
| 1.3.11 | Contact Information: - County | Choctaw |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 703 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 373 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 169210 |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water + Sewer Dist. No. 1, Choctaw County |
| 1.2.1 | PWSID Number | 2001204 |
| 1.2.2 | PWSID Number | 2001204 |
| 1.3.1 | Contact Information: - Name | James W. Bailey |
| 1.3.2 | Contact Information: - Title | Manager - Water & Wastewater |
| 1.3.3 | Contact Information: - Phone Number | 580.326.7777 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 16 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Grant |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74735 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 510 Everidge |
| 1.3.9 | Contact Information: - Physical Address (City) | Grant |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74738 |
| 1.3.11 | Contact Information: - County | Choctaw |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 810 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 834 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 914 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 994 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1234 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.016102 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 20000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 24000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 30000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 40000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1906200 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 71.4696 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Hugo |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 398400 |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 2000000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 71469600 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | City of Hugo |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 150 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |

6000000

| | | |
|--------|--|--|
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Line size too small |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We plan to increase some of our lines as we can afford it. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We need to save all the water we can for Oklahoma. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | SOPER PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | OK2001201 |
| 1.2.2 | PWSID Number | 2001201 |
| 1.3.1 | Contact Information: - Name | RANDY L. SPRINGFIELD |
| 1.3.2 | Contact Information: - Title | MAYOR |
| 1.3.3 | Contact Information: - Phone Number | 580 345 2630 |
| 1.3.4 | Contact Information: - E-Mail Address | CITYOFSOPER@ATT.NET |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 22 |
| 1.3.6 | Contact Information: - Mailing Address (City) | SOPER |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74759 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 600 NORTH MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | SOPER |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74759 |
| 1.3.11 | Contact Information: - County | CHOCTAW |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 150 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 150 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 150 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 150 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 150 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/29/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | RESIDENTS & 2 COMMERCIALS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 1000000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1000000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 3069000 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Cherokee County RWD # 12 |
| 1.2.1 | PWSID Number | OK2001189 |
| 1.2.2 | PWSID Number | 2001189 |
| 1.3.1 | Contact Information: - Name | Raymond Roberts |
| 1.3.2 | Contact Information: - Title | Chairman of Board of Directors |
| 1.3.3 | Contact Information: - Phone Number | 918-453-2858 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 313 Bailey Blvd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tahlequah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74464 |
| 1.3.11 | Contact Information: - County | Cherokee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | grant pending to install water meters to all members |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 89 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 95 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 110 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 150 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 62 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 65 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 73 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 100 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 133 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 8000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 8500 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 9500 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 13000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 17200 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 23000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 3.342 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2009 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | water accounts served |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 150 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 7000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 3.342 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |

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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | install water meters, additional well, water storage, replacement of old lines, connection of other RWD |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 2.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 70 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | install water meters, and replacement of lines pending grant funding. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | the amount of AF of water allowed to be used from underground water sources for irrigation, replacement of those water sources; sale of water to other states; pollution of ground water sources |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Lone Grove |
| 1.2.1 | PWSID Number | 2001007 |
| 1.2.2 | PWSID Number | 2001007 |
| 1.3.1 | Contact Information: - Name | Pam Keeton |
| 1.3.2 | Contact Information: - Title | Admin. Asst. |
| 1.3.3 | Contact Information: - Phone Number | 580-657-3113 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 289 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 17817 Hwy. 70 |
| 1.3.9 | Contact Information: - Physical Address (City) | Lone Grove |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73443 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3860 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1286 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.347 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.568 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 125 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Ardmore |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.059 |
| 5.1.1 | Total number of groundwater permits issued to provider | 6 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 6 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.45 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 125 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Keep our water here in the state |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | WESTERN CARTER COUNTY WATER & SEWAGE CORPORATION |
| 1.2.1 | PWSID Number | 2001003 |
| 1.2.2 | PWSID Number | 2001003 |
| 1.3.1 | Contact Information: - Name | Naomi Downey |
| 1.3.2 | Contact Information: - Title | Accountant |
| 1.3.3 | Contact Information: - Phone Number | 580-856-3718 |
| 1.3.4 | Contact Information: - E-Mail Address | downeybk@gci-wireless.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 97 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fox |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73435 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 25207 St Hwy 76 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ratliff City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73481 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1394 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 697 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 6023 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/23/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 273 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 44171500 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 69 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | monthly reports |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | TOWN OF RATLIFF CITY |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | WEST DAVIS RURAL WATER |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.02 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF DAVIS |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 20176000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 41 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 3680958 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 44171500 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |

279.7704

0.39

0.121018 86.81335

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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 150 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 24 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CITY OF WILSON |
| 1.2.1 | PWSID Number | 2001001 |
| 1.2.2 | PWSID Number | 2001001 |
| 1.3.1 | Contact Information: - Name | KEN EVANS |
| 1.3.2 | Contact Information: - Title | WATER SUPERINTENDANT |
| 1.3.3 | Contact Information: - Phone Number | 580-668-2106 |
| 1.3.4 | Contact Information: - E-Mail Address | wilson_pwa@classicnet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1056 US HWY 70-A |
| 1.3.6 | Contact Information: - Mailing Address (City) | WILSON |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73463 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1056 US HWY 70-A |
| 1.3.9 | Contact Information: - Physical Address (City) | WILSON |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73463 |
| 1.3.11 | Contact Information: - County | CARTER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1668 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 808 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.154 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.249 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 554 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | SELF |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CONSOLIDATED RURAL WATER |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.031 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.057 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 554 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |

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| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 21.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0.14 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---------------------------------|
| 1.1.1 | Provider Name | Canadian County RWD #4 |
| 1.2.1 | PWSID Number | OK2000930 |
| 1.2.2 | PWSID Number | 2000930 |
| 1.3.1 | Contact Information: - Name | Jack R. Chronister |
| 1.3.2 | Contact Information: - Title | Office manager |
| 1.3.3 | Contact Information: - Phone Number | 405-262-4203 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 386 |
| 1.3.6 | Contact Information: - Mailing Address (City) | El Reno |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73036 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 203 E. Wade |
| 1.3.9 | Contact Information: - Physical Address (City) | El Reno |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73036 |
| 1.3.11 | Contact Information: - County | Canadian |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 21.86 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 975 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 391 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 91.74 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 42.853 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 11 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 10713 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 42.853 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

0.13

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Mustang |
| 1.2.1 | PWSID Number | OK 2000922 |
| 1.2.2 | PWSID Number | 2000922 |
| 1.3.1 | Contact Information: - Name | David M. Cockrell |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-376-7700 |
| 1.3.4 | Contact Information: - E-Mail Address | dcockrell@cityofmustang.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1501 N. Mustang Road |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mustang |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73064 |
| 1.3.11 | Contact Information: - County | Canadian |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12.43 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Public education on cable channel |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 17300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 17500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 20400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 29000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 29000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5637 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5719 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6602 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9385 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 9385 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.59 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.94 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.6 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 3.4 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3.4 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.5 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 457.1 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 76 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 12 |
| 3.10.1 | Source of estimated percentages | Customer Billing Database |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|--------|--|--|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 82.4 |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 3806 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 10 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 17 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.25 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 457.1 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.3685 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.25 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.63 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 457.1 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1983 |
| 6.8.10 | Type of treatment plant | Chlorination of Ground Water |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Selenium |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 23 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 90 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 26 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 9 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replace 3.5 well field transmission line with WRDA funding. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.5.3 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | 180 |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | I think it important that we fully address a proposed redistribution of surplus water from regions that have over supply to areas identified as having under supply. |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | City of Yukon |
| 1.2.1 | PWSID Number | 2000910 |
| 1.2.2 | PWSID Number | 2000910 |
| 1.3.1 | Contact Information: - Name | James Crosby |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-354-1895 |
| 1.3.4 | Contact Information: - E-Mail Address | jrosby@ci.yukon.ok.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 850500 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Yukon |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73085 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 500 W. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Yukon |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73099 |
| 1.3.11 | Contact Information: - County | Canadian |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 34 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 21043 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 23709 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 26713 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 30097 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 42700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 8108 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8400 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 9200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 3.06 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 3.25 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.61 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.7 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1139 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.10.1 | Source of estimated percentages | Water Usage Study |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |

| | | |
|--------|--|---|
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma City Water |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 619 |
| 5.1.1 | Total number of groundwater permits issued to provider | 15 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 4 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 30 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.2 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 120 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 11 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 350 |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 85 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 70 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 35 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0.2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.4 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 70 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Need new water tower and booster station. |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 18 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0.085 |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | Wastewater treatment plant process water. |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.5.3 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | 40 |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | the city feel that the state needs to be working on securing/creating more sources water for the smaller to mid size communities in OK. |

| Question # | Question | Answer | |
|------------|--|---|----------|
| 1.1.1 | Provider Name | Piedmont Municipal Authority | |
| 1.2.1 | PWSID Number | 2000909 | |
| 1.2.2 | PWSID Number | 2000909 | |
| 1.3.1 | Contact Information: - Name | Clark M. Williams | |
| 1.3.2 | Contact Information: - Title | Director of Community Development | |
| 1.3.3 | Contact Information: - Phone Number | 405-373-2621 | |
| 1.3.4 | Contact Information: - E-Mail Address | clarkw@piedmont-ok.gov | |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 240 | |
| 1.3.6 | Contact Information: - Mailing Address (City) | Piedmont | |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73078 | |
| 1.3.8 | Contact Information: - Physical Address (Street) | 314 Edmond Rd. NW | |
| 1.3.9 | Contact Information: - Physical Address (City) | Piedmont | |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73078 | |
| 1.3.11 | Contact Information: - County | Canadian | |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider | |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No | |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No | |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No | |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes | |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.6 | |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6200 | |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8857 | |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 19928 | 1.249972 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 32097 | 0.610648 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 80000 | 1.492445 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2071 | |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2300 | |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6500 | |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10700 | |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 36500 | |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.618 | |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.686 | |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.786 | 1.603499 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.8576 | 0.6 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 8.7514 | 2.0625 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/22/2007 | |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | | |
| 3.5.1 | Total Water Produced in 2007 (MG) | | |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates | |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data | |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection | |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends | |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 | |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 59 | |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 | |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 | |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 6 | |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 18 | |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 | |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 | |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 | |
| 3.10.1 | Source of estimated percentages | Billings | |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No | |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes | |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | OCWUT | |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing | |

| | | | |
|--------|--|---|---------|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) | |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | | #VALUE! |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 | |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 960 | |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 | |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 | |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 28420 | |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | | #VALUE! |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.4543 | |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic | |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned | |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No | |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No | |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 134 | |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 68 | |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 6 | |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 | |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 | |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 | |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 | |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 7 | |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 6 | |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 31 | |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 32 | |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 37 | |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair | |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No | |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | It is critical that in depth accurate population projections be developed that take into account realistic socio economic and socio demographic growth trends for the region and the United States. Models are available and great care should be taken in their selection as well as a professional consultant to develop. | |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of calumet |
| 1.2.1 | PWSID Number | 2000904 |
| 1.2.2 | PWSID Number | 2000904 |
| 1.3.1 | Contact Information: - Name | greg hall |
| 1.3.2 | Contact Information: - Title | water supt. |
| 1.3.3 | Contact Information: - Phone Number | 893-2323 |
| 1.3.4 | Contact Information: - E-Mail Address | calumet@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | calumet |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73014 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 118 w. 2nd st. |
| 1.3.11 | Contact Information: - County | canadian |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 535 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 595 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 650 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 323 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 340 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 700 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.092807 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.1 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.15 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.9 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 20.9 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.16 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 33.8745 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 89 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | owrb |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 5 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 22 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.04 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 33.8745 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 20.792 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |

| | | |
|--------|--|---|
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 23 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | 12 years old |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | EL RENO (From Sales, pop, federal corrections) |
| 1.2.1 | PWSID Number | OK2000902 |
| 1.2.2 | PWSID Number | 2000902 |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 18300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 19000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 22000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 25000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 35000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 6260 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 11000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 14000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 3.6 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 4 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 5.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 7 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 5 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 932 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 5 |
| 3.10.1 | Source of estimated percentages | Utility Billing ledger |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Federal Correction Institution |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Heaston Rural Water District |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Union City |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 109500000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 41000000 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 30000000 |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |

| | | |
|--------|--|---------------------------------|
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 28825000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 6 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 4382.388567 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 20 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 200 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 932259628 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 80 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | 0 |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | 0 |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | 0 |
| 5.13.4 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 4 | 0 |
| 5.13.5 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 5 | 0 |
| 5.13.6 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 6 | 0 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 0 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 0 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 0 |
| 5.14.4 | Surface water permitted in 2007 for each source (AFY) - Supply 4 | 0 |
| 5.14.5 | Surface water permitted in 2007 for each source (AFY) - Supply 5 | 0 |
| 5.14.6 | Surface water permitted in 2007 for each source (AFY) - Supply 6 | 0 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 0 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 0 |
| 5.15.4 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 4 | 0 |
| 5.15.5 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 5 | 0 |
| 5.15.6 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 6 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 6.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 3.6 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 932259628 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1928 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2001 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.8.10 | Type of treatment plant | Lime Softening |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | New lime slaker New clearwell |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Pipe galley repiped |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Clear well #1 - |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Clear well # 2 |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | East Water Tower |

| | | |
|--------|--|---|
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | West Water Tower |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1000000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 1700000 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 500000 |
| 6.15.4 | Current (2007) total reservoir storage capacity (AF) - Reservoir 4 | 750000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 0 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 0 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 0 |
| 6.16.4 | Current (2007) reservoir firm yield (AFY) - Reservoir 4 | 0 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 0 |
| 6.17.3 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 3 | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | 2 new water wells |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 55 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 24 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1/2 mile of new 8" PVC of new 6" PVC |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 584 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 6 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None at this time. Encourage low flow devices and Xeriscape landscaping |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | None at this time |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Hydro |
| 1.2.1 | PWSID Number | 2000812 |
| 1.2.2 | PWSID Number | 2000812 |
| 1.3.1 | Contact Information: - Name | Phil Goossea |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 405-663-2532 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 248 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hydro |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73048 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 W. 5th Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Hydro |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73048 |
| 1.3.11 | Contact Information: - County | Caddo (also service in Blaine) |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1060 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1090 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1130 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1200 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2007 - (Caddo 766; Blaine 294), 2010 - (780; 310), 2020 - (820; 340), 2030 - (830; 370) |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 450 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 458 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 475 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 504 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.22 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.23 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.24 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.25 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.302 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | operator |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 7 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.032 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 81.8 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | More wells |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | More wells |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 7 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |

| | | |
|--------|--|---------------------------------|
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Gracemont Public Works Authority |
| 1.2.1 | PWSID Number | OK2000811 |
| 1.2.2 | PWSID Number | 2000811 |
| 1.3.1 | Contact Information: - Name | Robert Williams or Janelle Owings |
| 1.3.2 | Contact Information: - Title | Water Super. and Town Clerk |
| 1.3.3 | Contact Information: - Phone Number | 405-966-2201 |
| 1.3.4 | Contact Information: - E-Mail Address | gracemontpd@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 40 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Gracemont |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73042-0040 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 W Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Gracemont |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73042-0040 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 350 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 170 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 170 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 214 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 38 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 39188 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 14.108 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 20 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | nONE |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

0.039188
111.9657

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Fort cobb |
| 1.2.1 | PWSID Number | ok2000810 |
| 1.2.2 | PWSID Number | 2000810 |
| 1.3.1 | Contact Information: - Name | Jack Hawkins |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 405/643/2682 |
| 1.3.4 | Contact Information: - E-Mail Address | bj.hawk@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O Box474 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fort Cobb |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73038 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 507 Main St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Fort Cobb |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73038 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 667 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 293 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.017 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.017 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6.2 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | meter reading |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 300 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.0037 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 6.2 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Hinton |
| 1.2.1 | PWSID Number | 2000809 |
| 1.2.2 | PWSID Number | 2000809 |
| 1.3.1 | Contact Information: - Name | Keith B. Wright |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-542-3253 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 159 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hinton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73047 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 East Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Hinton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73047 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1030 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 300000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 500000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 396800 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 6 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 55125 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 90672900 |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | Eakly Development Corporation |
| 1.2.1 | PWSID Number | OK2000808 |
| 1.2.2 | PWSID Number | 2000808 |
| 1.3.1 | Contact Information: - Name | Lisa Root |
| 1.3.2 | Contact Information: - Title | Town Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 405-797-3252 |
| 1.3.4 | Contact Information: - E-Mail Address | townofeakly@hintonet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 305 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Eakly |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73033 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 305 W Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Eakly |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73033 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Apache |
| 1.2.1 | PWSID Number | OK2000806 |
| 1.2.2 | PWSID Number | 2000806 |
| 1.3.1 | Contact Information: - Name | Michael McKean |
| 1.3.2 | Contact Information: - Title | Water Super |
| 1.3.3 | Contact Information: - Phone Number | 580-588-3505 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | box 390 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Apache |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73006 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 E. Evans Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Apache |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73006 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 660 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 680 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 700 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.178 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.21 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.25 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.285 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.31 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 65.3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 7 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 25 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.08 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 65.3 |

| | | |
|--------|--|--|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | water tower |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | .250 mgd |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | .250 mgd |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Being able to chlorinate at a central location |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Replacing old lines and valves |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 57 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 28 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 40 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 15 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | We have alot of old cast iron pipe and old valves that don't work. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 65 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Keep Oklahoma water in Oklahoma |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We need to protect ground water better. Agri. pollution is becoming a problem. Increase grants/loans to small towns for work updating old lines and wells. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Carnegie Public Works Authority |
| 1.2.1 | PWSID Number | OK2000805 |
| 1.2.2 | PWSID Number | 2000805 |
| 1.3.1 | Contact Information: - Name | Kenneth Bailey |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580 654-1004 |
| 1.3.4 | Contact Information: - E-Mail Address | townofcarnegie@carnegienet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 1075 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Carnegie |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73015-1075 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 11 East Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Carnegie |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 75015 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 807 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.211 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/7/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.306 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 77.16 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.026 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 77.16 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 3 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 80 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| | | |
|--------|---|---------------------------|
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Bridgeport |
| 1.2.1 | PWSID Number | 2000804 |
| 1.2.2 | PWSID Number | 2000804 |
| 1.3.1 | Contact Information: - Name | Roger McCain |
| 1.3.2 | Contact Information: - Title | Mayor / Water operator |
| 1.3.3 | Contact Information: - Phone Number | 405/542-7376 |
| 1.3.4 | Contact Information: - E-Mail Address | bportmayor@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. box 368 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hinton, OK. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73047 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Broadway & Market |
| 1.3.9 | Contact Information: - Physical Address (City) | Bridgeport, OK. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73047 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 109 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 120 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 54 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 70 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.035 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.05 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 15 |
| 3.10.1 | Source of estimated percentages | Actual usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 2 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 2 |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |

| | | |
|--------|---|---------------------------------|
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 20 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Binger Public Works Authority |
| 1.2.1 | PWSID Number | OK2000803 |
| 1.2.2 | PWSID Number | 2000803 |
| 1.3.1 | Contact Information: - Name | Bobby Keechi |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 4056562426 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 481 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Binger |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73009-0481 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 202 West Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Binger |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73009 |
| 1.3.11 | Contact Information: - County | Caddo |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 708 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 343 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.062159 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.128339 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2000 Census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 86 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 14 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | 2007 Annual Groundwater Use Report |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 69.60754115 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 22688230 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | TOWN OF COLBERT |
| 1.2.1 | PWSID Number | OK 2000716 |
| 1.2.2 | PWSID Number | 2000716 |
| 1.3.1 | Contact Information: - Name | JERRY SPRINGS |
| 1.3.2 | Contact Information: - Title | PUBLIC WORKS DIRECTOR |
| 1.3.3 | Contact Information: - Phone Number | 580-296-4801 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 1179 |
| 1.3.6 | Contact Information: - Mailing Address (City) | COLBERT |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74733 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 705 MOORE AVE |
| 1.3.9 | Contact Information: - Physical Address (City) | COLBERT |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74733 |
| 1.3.11 | Contact Information: - County | BRYAN |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 917 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.235 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.175 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5.875 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 23.975 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 30 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/28/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 52000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 85.775 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | WATERBILLING |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.08352 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 240 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.308 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.07 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.235 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 20 |
| 6.8.10 | Type of treatment plant | GROUND WATER |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |

| | | |
|--------|--|---------------------------------|
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1000 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Achille |
| 1.2.1 | PWSID Number | 2000707 |
| 1.2.2 | PWSID Number | 2000707 |
| 1.3.1 | Contact Information: - Name | Brenda Buchanan |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-283-2734 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Achille |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74720 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 500 N. 2nd |
| 1.3.9 | Contact Information: - Physical Address (City) | Achille |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74720 |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 506 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 560 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 620 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 680 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 253 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 260 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 270 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 280 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.051 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.053 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.055 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.059 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 1/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.186 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18.1 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 13 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.108 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 39.4 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.31 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.05 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.187 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 18093800 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1974 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Iron |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | New filter |

| | | |
|--------|--|---|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Trinity |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 3000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | In progress |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Bryan County Rural Water Dist #7 |
| 1.2.1 | PWSID Number | MSISID#2000705 |
| 1.2.2 | PWSID Number | 2000705 |
| 1.3.1 | Contact Information: - Name | Gerry Haislip |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580.775.3653 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 605 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bokchito |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74726 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 212 N. Albright |
| 1.3.9 | Contact Information: - Physical Address (City) | Bokchito |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74726 |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | mr-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 230 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 197 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.645 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/8/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.3024 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 23481000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | master meter |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 540 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.64 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 23.481 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 23481000 |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Need new well and storage facility |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 33 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Distribution lines are fine - Pump and well is very bad. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Town of Bokchito |
| 1.2.1 | PWSID Number | 2000704 |
| 1.2.2 | PWSID Number | 2000704 |
| 1.3.1 | Contact Information: - Name | Jason Ervin |
| 1.3.2 | Contact Information: - Title | Supt |
| 1.3.3 | Contact Information: - Phone Number | 580-295-3775 |
| 1.3.4 | Contact Information: - E-Mail Address | bokchitopua@myrhinomail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 174 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bokchito |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74726 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 117 E Main St |
| 1.3.9 | Contact Information: - Physical Address (City) | Bokchito |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74726 |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 564 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 620 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 395 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 434 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 261 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water District 5 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.4.3 | Which type(s) of reuse is (are) practiced? | Industrial |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | We have had a change in administration so we will be using OWRB as a resource to help plan |

656.0284

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Caddo Public works authority |
| 1.2.1 | PWSID Number | 2000703 |
| 1.2.2 | PWSID Number | 2000703 |
| 1.3.1 | Contact Information: - Name | stacy eastwood |
| 1.3.2 | Contact Information: - Title | cpwa director |
| 1.3.3 | Contact Information: - Phone Number | 580-3672244 |
| 1.3.4 | Contact Information: - E-Mail Address | townofcaddo@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 105 |
| 1.3.6 | Contact Information: - Mailing Address (City) | caddo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74729 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 120 buffalo |
| 1.3.9 | Contact Information: - Physical Address (City) | caddo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74729 |
| 1.3.11 | Contact Information: - County | bryan |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 944 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 964 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 984 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 475 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 495 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 515 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 535 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 555 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.15 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.16 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.17 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/6/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.18 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 59 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2003 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | bryan co rwd#6 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 22.1 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.015 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 59 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 59 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

| | | |
|--------|--|---|
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 6.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New shut off valves on water lines |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Not at this time |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Not at this time |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Calera |
| 1.2.1 | PWSID Number | 2000702 |
| 1.2.2 | PWSID Number | 2000702 |
| 1.3.1 | Contact Information: - Name | Brad Davis |
| 1.3.2 | Contact Information: - Title | Town Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-434-5420 |
| 1.3.4 | Contact Information: - E-Mail Address | caleracityhall1@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 110 W. Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Calera |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74730 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1739 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1900 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 699 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 725 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 750 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.13 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/19/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.18 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 4.5 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.10.1 | Source of estimated percentages | customer based |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 5 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.09 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 45 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 28 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.3 |

| | | |
|--------|--|--------------------------------|
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.19 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.18 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 45 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1994 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 30 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0.3 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | OKEENE PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 2000612 |
| 1.2.2 | PWSID Number | 2000612 |
| 1.3.1 | Contact Information: - Name | JOHN C. RAMEY |
| 1.3.2 | Contact Information: - Title | TOWN ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 580-822-3035 |
| 1.3.4 | Contact Information: - E-Mail Address | okeenejcr@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O BOX 800 |
| 1.3.6 | Contact Information: - Mailing Address (City) | OKEENE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73763 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 118 WEST MADISON |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1240 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 613 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 298080 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | NORTH BLAINE |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 51502581 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 51502581 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Longdale Municipal Authority |
| 1.2.1 | PWSID Number | 2000611 |
| 1.2.2 | PWSID Number | 2000611 |
| 1.3.1 | Contact Information: - Name | Lois McGuire |
| 1.3.2 | Contact Information: - Title | water person |
| 1.3.3 | Contact Information: - Phone Number | (580) 274-3375 |
| 1.3.4 | Contact Information: - E-Mail Address | townhall@pdi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 249 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Longdale |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73755 |
| 1.3.9 | Contact Information: - Physical Address (City) | Longdale |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73755 |
| 1.3.11 | Contact Information: - County | Blaine |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 250 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 150 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.38 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14016009 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | meter |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | meter |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 1975 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 38400 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 14016009 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 43015131 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | N/A |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 7 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 80 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 5 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |

| | | |
|--------|---|---------------------------------|
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | Hitchcock Dev Inc |
| 1.2.1 | PWSID Number | 2000610 |
| 1.2.2 | PWSID Number | 2000610 |
| 1.3.1 | Contact Information: - Name | Eugene Schefflev |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580.825.3535 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 168 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hitchcock |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73744 |
| 1.3.11 | Contact Information: - County | Blaine |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14.7 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 25000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 50000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 30 |
| 3.10.1 | Source of estimated percentages | Account List |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | North Blaine |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 141.1784348 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 57 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 25000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 10700000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| | | |
|-------|--|---------------------------------|
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Geary |
| 1.2.1 | PWSID Number | OK2000608 |
| 1.2.2 | PWSID Number | 2000608 |
| 1.3.1 | Contact Information: - Name | mary hays |
| 1.3.2 | Contact Information: - Title | city clerk |
| 1.3.3 | Contact Information: - Phone Number | 405-884-5466 |
| 1.3.4 | Contact Information: - E-Mail Address | gearycco@plri.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 125 |
| 1.3.6 | Contact Information: - Mailing Address (City) | geary |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73040 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 s. broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | geary |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73040 |
| 1.3.11 | Contact Information: - County | blaine |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1258 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1170 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1280 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1390 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 640 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 597 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 653 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 709 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.199 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.186 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.203 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.22 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0.73 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | census |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | annual water report |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 69 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 14 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 4 |
| 3.10.1 | Source of estimated percentages | annual water report |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | greenfield utilities |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6.43 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 398.1 |

| | | |
|--------|--|---------------------------------|
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 38 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 73 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 224.04 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2000 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | TOWN OF CANTON |
| 1.2.1 | PWSID Number | 2000607 |
| 1.2.2 | PWSID Number | 2000607 |
| 1.3.1 | Contact Information: - Name | BOBBY (CHUCK) TEMPLE |
| 1.3.2 | Contact Information: - Title | WATER SUPERINTENDENT |
| 1.3.3 | Contact Information: - Phone Number | (580)886-4274 |
| 1.3.4 | Contact Information: - E-Mail Address | TOWNPWA@PLDI.NET |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 301 N. GARFIELD P.O.BOX 128 |
| 1.3.6 | Contact Information: - Mailing Address (City) | CANTON, OK. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73724 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 301 N. GARFIELD |
| 1.3.9 | Contact Information: - Physical Address (City) | CANTON |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73724 |
| 1.3.11 | Contact Information: - County | BLAINE |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 650 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 670 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 690 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 710 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 350 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 370 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 390 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 400 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 410 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 64502 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 70000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 80000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 90000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 10000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1042507 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 4.1.2. | Do you utilize water from providers outside you district? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | North Blaine Water Corp. |
| 1.2.1 | PWSID Number | 2000606 |
| 1.2.2 | PWSID Number | 2000606 |
| 1.3.1 | Contact Information: - Name | Kerry Westfahl |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-822-3444 |
| 1.3.4 | Contact Information: - E-Mail Address | nbwater@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 163 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Okeene |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73763 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 316 E. Oklahoma |
| 1.3.9 | Contact Information: - Physical Address (City) | Okeene |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73763 |
| 1.3.11 | Contact Information: - County | Blaine |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 385 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 866 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 390460 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 142518000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | None |
| 3.10.1 | Source of estimated percentages | None |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Okeene |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Hitchcock |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Loyal |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.5 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 69439500 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 4 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 38 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 128137 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 46769700 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 38 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 362982 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 132488300 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Watonga |
| 1.2.1 | PWSID Number | 2000602 |
| 1.2.2 | PWSID Number | 2000602 |
| 1.3.1 | Contact Information: - Name | John Taylor |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-623-7353 |
| 1.3.4 | Contact Information: - E-Mail Address | wlw@watonga.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 280 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Watonga |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73772-0280 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 N Wiegler |
| 1.3.9 | Contact Information: - Physical Address (City) | Watonga |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73772 |
| 1.3.11 | Contact Information: - County | Blaine |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1572 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.916 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 32.9832 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 82 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 13 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.10.1 | Source of estimated percentages | Utility data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 10 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 32.5 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.90365 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 32.9832 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 16 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1.25 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 1.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | More water tower storage capacity |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

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| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
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| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Beckham Rural Water District #3 LG.CDM |
| 1.2.1 | PWSID Number | 2000547 |
| 1.2.2 | PWSID Number | 2000547 |
| 1.3.1 | Contact Information: - Name | BCRWD#3 Shane Suanny |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-799-1536 |
| 1.3.4 | Contact Information: - E-Mail Address | suanny97@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 301 South Howard |
| 1.3.6 | Contact Information: - Mailing Address (City) | Elk City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73044 |
| 1.3.11 | Contact Information: - County | Beckham |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 407 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/27/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.425451 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 19 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 104.656 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 217 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 65 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | In the process of getting 2 new wells |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Beckham Rural Water #2 |
| 1.2.1 | PWSID Number | OK2000510 |
| 1.2.2 | PWSID Number | 2000510 |
| 1.3.1 | Contact Information: - Name | Sheila Elizondo |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.526.3252 |
| 1.3.4 | Contact Information: - E-Mail Address | bcrwd2@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 973 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Erick |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73645 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 110 W. Roger Miller Blvd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Erick |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73645 |
| 1.3.11 | Contact Information: - County | Beckham |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 3 |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 412 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 422 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 432 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 442 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 450 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 280 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 285 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 290 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 310 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 10000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 20 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 30 |
| 3.10.1 | Source of estimated percentages | Self Provided |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 19536653 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 200 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 9 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CITY OF SAYRE |
| 1.2.1 | PWSID Number | 2000508 |
| 1.2.2 | PWSID Number | 2000508 |
| 1.3.1 | Contact Information: - Name | ED SIMS |
| 1.3.2 | Contact Information: - Title | ASSISTANT MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 1-580-928-2260 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofsayre@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 102 WEST MAIN STREET |
| 1.3.6 | Contact Information: - Mailing Address (City) | SAYRE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73662 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 102 WEST MAIN STREET |
| 1.3.9 | Contact Information: - Physical Address (City) | SAYRE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73662 |
| 1.3.11 | Contact Information: - County | BECKHAM |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1159 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1382 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 630589 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/30/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1154900 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 230165000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2004 |
| 3.10.1 | Source of estimated percentages | IN HOUSE |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 12 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1920 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 17 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 50 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.288 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 230.165 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 23 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2520000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 306000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.63 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1154900 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 230165000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1950 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.10 | Type of treatment plant | GROUND WATER |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | CLEAR WELL |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 300000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 1433000 |

| | | |
|--------|--|--|
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 300000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | YES WELL FEILD WELLS PIPE LINES NEW TREATMENT FACILITY |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | NEW WELL FIELDS WELLS PIPE LINES |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 45 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 25 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 40 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | WATER FIELDS WATER WELLS TANK STORAGE |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Beckham Co. Rural Water Dist. #1 |
| 1.2.1 | PWSID Number | 2000505 |
| 1.2.2 | PWSID Number | 2000505 |
| 1.3.1 | Contact Information: - Name | Terry Lesley |
| 1.3.2 | Contact Information: - Title | Field Manager |
| 1.3.3 | Contact Information: - Phone Number | 580.486.3211 |
| 1.3.4 | Contact Information: - E-Mail Address | water1@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 540 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Carter |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73627 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 S. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Carter |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73627 |
| 1.3.11 | Contact Information: - County | Beckham |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 29.04 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1333 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1492 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2022 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2552 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4112 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 894 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 945 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1115 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1285 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1636 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 355642 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 361000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 379000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 397000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 450000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 785000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 182929000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 30 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 17 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 28 |
| 3.10.1 | Source of estimated percentages | Billing reports |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Sentinel |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Carter |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Rocky |

| | | |
|---------|--|-------------------------|
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Hicks Mtn. Cabin Owners |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 28464800 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 9611555 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5233600 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1879880 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1100 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 8 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.25 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 183 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 51 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.51 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.78 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 183 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2007 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.10 | Type of treatment plant | NA - Wells |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Yes, additional towers |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 600 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 40 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 8 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 40 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 8 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 65 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CITY OF ERICK/ HAROLD BUSSEY-WATER SUPT. |
| 1.2.1 | PWSID Number | 2000502 |
| 1.2.2 | PWSID Number | 2000502 |
| 1.3.1 | Contact Information: - Name | HAROLD BUSSEY |
| 1.3.2 | Contact Information: - Title | WATER SUPT |
| 1.3.3 | Contact Information: - Phone Number | 580-526-3924 |
| 1.3.4 | Contact Information: - E-Mail Address | haroldbussey@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 25 |
| 1.3.6 | Contact Information: - Mailing Address (City) | ERICK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73645 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 206 SOUTH SHEB WOOLEY |
| 1.3.9 | Contact Information: - Physical Address (City) | ERICK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73645 |
| 1.3.11 | Contact Information: - County | BECKHAM |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1061 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1100 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 620 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 640 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 660 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 680 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.162 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.167 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.172 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.177 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.329 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 59 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | OKLAHOMA EMPLOYMENT SECURITY COMMISSION |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 88 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 6 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | OUR RECORDS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | NONE |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | NONE |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 8 |

| | | |
|--------|--|--|
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 46 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.02 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 59 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | WE NEED A NEW WATER TOWER TO REPLACE OUR 99 YEAR OLD TOWER. WE ALSO NEED TO REPLACE MANY OF OUR AGING WATER LINES. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 16 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10.5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 6 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 1 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 68 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | WE HAVE JUST RECIEVED AN AWARD LETTER FOR A GRANT TO REPLACE ABOUT 8000 FEET OF DISTRIBUTION LINES. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Elk City |
| 1.2.1 | PWSID Number | 2000501 |
| 1.2.2 | PWSID Number | 2000501 |
| 1.3.1 | Contact Information: - Name | City of Elk City PWA |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-225-3273 |
| 1.3.4 | Contact Information: - E-Mail Address | hyltong@elkcity.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O Box 1100 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Elk City, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73648 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 120 S Jefferson |
| 1.3.9 | Contact Information: - Physical Address (City) | Elk City, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73644 |
| 1.3.11 | Contact Information: - County | Beckham |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 4 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 12500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 13000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 15000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 25000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.94 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 5500000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5000000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 6000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 6000000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1037585000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 64 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 34 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | Billing Records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 12 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 2591479969 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 68 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 15258603 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1037.585 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 1.228 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 13 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 13 |

2591.48

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| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 2842698 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 11182000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1037585000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1937 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.10 | Type of treatment plant | n/a |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | n/a |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 5 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | SCADA Operating System/New Collection Line |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | n/a |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 350 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 70 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 12 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 16 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 28 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 44 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 7 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 135000 |
| 7.4.1 | Which type(s) of reuse is (are) practiced? | Landscape irrigation |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Forgan Public Works Auth. |
| 1.2.1 | PWSID Number | 2000406 |
| 1.2.2 | PWSID Number | 2000406 |
| 1.3.1 | Contact Information: - Name | Charles Lemieux |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-487-3555 |
| 1.3.4 | Contact Information: - E-Mail Address | forganfd@ptsi.net Or forganpwa@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 249 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Forgan |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73938 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 W Main ST. |
| 1.3.9 | Contact Information: - Physical Address (City) | Forgan |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73938 |
| 1.3.11 | Contact Information: - County | Beaver |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 125 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 21 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 13654 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 40963000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 125 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Beaver |
| 1.2.1 | PWSID Number | 2000404 |
| 1.2.2 | PWSID Number | 2000404 |
| 1.3.1 | Contact Information: - Name | Don Jenkins |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-625-3072 |
| 1.3.4 | Contact Information: - E-Mail Address | townofbv@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 698 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Beaver |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73932 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 28 W. 2nd Street |
| 1.3.11 | Contact Information: - County | Beaver |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m, rural ext.-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1575 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1650 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 900 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 925 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 950 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 955 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1050 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 145 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Census |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 3 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 20 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 729000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 145.4 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 720000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 720000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.398 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 145.4 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1962 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1993 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 500000 |

| | | |
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| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 125000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Unmetered water to: golf course, race track, walking trail |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Beaver Co. RWD #1 |
| 1.2.1 | PWSID Number | OK2000402 |
| 1.2.2 | PWSID Number | 2000402 |
| 1.3.1 | Contact Information: - Name | Beaver Co. RWD #1 |
| 1.3.3 | Contact Information: - Phone Number | 580.778.3342 |
| 1.3.4 | Contact Information: - E-Mail Address | turpinwater@ptsi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 282 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Box 282 |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | Box 282 73950 |
| 1.3.9 | Contact Information: - Physical Address (City) | Turpin |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73950 |
| 1.3.11 | Contact Information: - County | Beaver |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 475 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 231 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 240 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 240 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 240 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 240 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 70000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 80000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 80000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 80000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 80000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 25000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 160 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 35 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 360 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 25000000 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Ground Water |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3.79E-02 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |

| | | |
|--------|--|---------------------------------|
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | illegible |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Jet Utilities |
| 1.2.1 | PWSID Number | 2000211 |
| 1.2.2 | PWSID Number | 2000211 |
| 1.3.1 | Contact Information: - Name | Mike Keller |
| 1.3.2 | Contact Information: - Title | Supr |
| 1.3.3 | Contact Information: - Phone Number | 530.554.7294 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 247 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Jet |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73749 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 421 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Jet |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73740 |
| 1.3.11 | Contact Information: - County | Alfalfa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 263 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 270 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 148 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 160 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 140 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 100 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.033 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.04 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.03 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.025 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.025 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.058 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10600000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.10.1 | Source of estimated percentages | Did not add up to 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.033 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 10600000 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 35 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.01 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| | | |
|--------|---|---------------------------|
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Chandler |
| 1.2.1 | PWSID Number | OK2000208 |
| 1.2.2 | PWSID Number | 2000208 |
| 1.3.1 | Contact Information: - Name | Lloyd Wharton |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580-596-2493 580-596-3326 |
| 1.3.4 | Contact Information: - E-Mail Address | cherokeewatersuper@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 121 n. grang |
| 1.3.6 | Contact Information: - Mailing Address (City) | cherokee 73728 |
| 1.3.11 | Contact Information: - County | alfalfa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1650 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1650 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1650 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1650 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 853 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 853 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 853 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 853 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.364 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.364 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.364 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.364 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.706 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 133 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | best estimate |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 4 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 30 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.175 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 181 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.865 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.95 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.365 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.706 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 133 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2006 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | financial challenge to operate period/chem costs, fuel/freight surcharges |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Bulk caustic tank |

| | | |
|--------|--|---|
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10.23 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9.08 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.02 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | For it's advanced age, it is good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | All the plans in the world, won't supply the funding to actually do the plans |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Town of Carmen |
| 1.2.1 | PWSID Number | 2000207 |
| 1.2.2 | PWSID Number | 2000207 |
| 1.3.1 | Contact Information: - Name | Johnny Burkes |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-987-2321 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 98 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Carmen |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73726 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 421 West Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Carmen |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73726 |
| 1.3.11 | Contact Information: - County | Alfalfa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 420 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 222 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | |
| 3.5.1 | Total Water Produced in 2007 (MG) | 15.563 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2000 census |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Aline PWA |
| 1.2.1 | PWSID Number | OK2000206 |
| 1.2.2 | PWSID Number | 2000206 |
| 1.3.1 | Contact Information: - Name | Gayla Koehn |
| 1.3.2 | Contact Information: - Title | Clerk |
| 1.3.3 | Contact Information: - Phone Number | 580-463-2612 |
| 1.3.4 | Contact Information: - E-Mail Address | aline@aldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 199 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Aline |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73716 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 415 Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Aline |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73716 |
| 1.3.11 | Contact Information: - County | Alfalfa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 50 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 215 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 220 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 210 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 210 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 210 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 210 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 130 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 135 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 126 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 126 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.052 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.049 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.049 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/1/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 56000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 20400000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 15 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 750000 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 18 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

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| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
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| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Alfalfa County Rural Water #1 |
| 1.2.1 | PWSID Number | 2000201-2000202 |
| 1.2.2 | PWSID Number | 2000202 |
| 1.3.1 | Contact Information: - Name | Vickie Cloyd |
| 1.3.2 | Contact Information: - Title | Bookkeeper |
| 1.3.3 | Contact Information: - Phone Number | 580.474.2660 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 428 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Amorita, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73719 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 205 4th St |
| 1.3.9 | Contact Information: - Physical Address (City) | Byron OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73722 |
| 1.3.11 | Contact Information: - County | Alfalfa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | R/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1650 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1640 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1620 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1575 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 650 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 640 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 620 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 620 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 220000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 240000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 280000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 280000 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 265000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 90548200 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 47 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 53 |
| 3.10.1 | Source of estimated percentages | Seq |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Burlington |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.2 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 11150000 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 6 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 90000000 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Pipeline upgrade |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 700 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Need larger lines |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Ottawa County Rural Water Dist #3 |
| 1.2.1 | PWSID Number | 1966681 |
| 1.2.2 | PWSID Number | 1966681 |
| 1.3.1 | Contact Information: - Name | Judy Cousatte |
| 1.3.2 | Contact Information: - Title | Secretary/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-542-2928 |
| 1.3.4 | Contact Information: - E-Mail Address | asignjudy@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 19 North Shawnee |
| 1.3.6 | Contact Information: - Mailing Address (City) | Peoria |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74363 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 East Main Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Peoria |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74363 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 159 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 160 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 162 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 163 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 160 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | none |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 58 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 60 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 62 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 62 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 60 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | none |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.009211 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.01 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 11000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 12000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 10000 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | none |
| 3.5.1 | Total Water Produced in 2007 (MG) | 3.36199 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Estimating we don't project |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 13 |
| 3.10.1 | Source of estimated percentages | Water Bills estimates |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Ottawa Rural Water Dist #5 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 168100 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Ottawa Rural Water Dist #5 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 322 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 42 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 3.4 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 3400000 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Ketchum PWA |
| 1.2.1 | PWSID Number | 1021612 and 1221638 |
| 1.2.2 | PWSID Number | 1221638 |
| 1.3.1 | Contact Information: - Name | Andy Milbore |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-782-2123 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 958 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 349 N. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Ketchum |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74349 |
| 1.3.11 | Contact Information: - County | Craig |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5900 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6580 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 9461 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 13609 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 40469 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2343 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2612 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3757 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5443 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 16188 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.698 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.78 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.12 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.61 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.8 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.4 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 254.455 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 74 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 24 |
| 3.10.1 | Source of estimated percentages | actual data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Grand Bluff |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Delaware County RWD 7 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Craig County RWD 2 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | The Harbors |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Paradise Cover; Bakers RV; Elcabo; Anchors End; Pelican Landing; Langley PWA |

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| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 41.6 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12.7 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.931 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.81 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.42 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Langley Public Works (Potable) |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | GRDA (Raw) |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.5 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.074 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 253.21 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Grand Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1120 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 68 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.7 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.7 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.38 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.32 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.7 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.7 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 139.118 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 115.337 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1966 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1995 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1997 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.8.10 | Type of treatment plant | WTP 2 package plant w/ upflow clarifier |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | LT2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0 |
| 6.10.2 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 2 | 0 |
| 6.10.4 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - New WTP(s) | 3 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | We are planning the addition of a new WTP to replace WTP 1 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | We have plans but no funding yet |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 77 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15.2 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Water loss is higher than desired; related to flushing and leaks |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We have some improvements in our long range capital plan that are not currently funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Rural Water District #11 |
| 1.2.1 | PWSID Number | 1221637 |
| 1.2.2 | PWSID Number | 1221637 |
| 1.3.1 | Contact Information: - Name | Michael Gassaway |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.772.2915 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hulbert |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74441 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 117 East Main St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Hulbert |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74441 |
| 1.3.11 | Contact Information: - County | USA |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 48.03 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3340 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4207 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5013 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5966 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1341 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1689 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2010 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2392 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2847 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.3647 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 39800 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 43400 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 47300 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 51500 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 591000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 159749100 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 94 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.10.1 | Source of estimated percentages | Actual customer data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | HPWA |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3301800 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | TPWA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 7.8 |

| | | |
|--------|--|---|
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Double Spring Creek |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 560.0711974 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.375118 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 591900 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 159.7491 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1992 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | E. Coli |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Out of 180 miles of pipeline, 80 percent needs to be replaced |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 172 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Major Water Loss due to pipe 40 years old |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New raw water intake in 14 mile creek |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Peggs Water Company |
| 1.2.1 | PWSID Number | 1221630 |
| 1.2.2 | PWSID Number | 1221630 |
| 1.3.1 | Contact Information: - Name | Robin Culie |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-598-3359 |
| 1.3.4 | Contact Information: - E-Mail Address | robc-ct@fairpoint.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 6970 N 450 Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hulbert |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74441 |
| 1.3.8 | Contact Information: - Physical Address (Street) | North 440 Rd |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74452 |
| 1.3.11 | Contact Information: - County | Cherokee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | not for profit corp. |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 780 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 840 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 940 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1020 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 780 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 840 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 940 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1020 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.162781 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.175321 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.196221 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.212941 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.271461 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.194 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 59.415 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 84 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.10.1 | Source of estimated percentages | Water sold on averages |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |

| | | |
|--------|--|--|
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Spring Creek |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.576 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.576 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.162781 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.194 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 59.415 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1989 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Depends on EPA new rules |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Lay a new line |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 115 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 12 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Change out and upgrade small lines, |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Water planning is necessary for future planning. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Wagoner County Rural Water District No. 7 |
| 1.2.1 | PWSID Number | OK1221626 |
| 1.2.2 | PWSID Number | 1221626 |
| 1.3.1 | Contact Information: - Name | Heather Bradham |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-683-4737 |
| 1.3.4 | Contact Information: - E-Mail Address | wagonerwater7@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 67 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Okay |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74446 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5996 E 109th St N |
| 1.3.9 | Contact Information: - Physical Address (City) | Wagoner |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74467 |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23.12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1550 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 565 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 580 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 630 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 680 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 830 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 140000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 156000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 170000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 185000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 230000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 300000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 49 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 15 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Past Records |

| | | |
|--------|--|---|
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Wagoner County Rural Water District No. 1 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4000 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Fort Gibson Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 182500000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 27 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 7200000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 400000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 140000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 300000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 49039000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2008 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 85 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| | | |
|--------|---|---------------------------|
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
|--------|---|---------------------------|

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | HULBERT PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 1026120 |
| 1.2.2 | PWSID Number | 1026120 |
| 1.3.1 | Contact Information: - Name | RICKY LEE |
| 1.3.2 | Contact Information: - Title | SUPERINTENDENT |
| 1.3.3 | Contact Information: - Phone Number | 918-772-2503 |
| 1.3.4 | Contact Information: - E-Mail Address | lee_ricky@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 147 |
| 1.3.6 | Contact Information: - Mailing Address (City) | HULBERT |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74441 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 W MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | HULBERT |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74441 |
| 1.3.11 | Contact Information: - County | CHEROKEE |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 33 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1296 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 432 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 100200 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 372200 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 36596000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 51 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 33 |
| 3.10.1 | Source of estimated percentages | computer history |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Cherokee County Rural Water District #11 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 200000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |

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| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | 14 Mile Creek |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 70 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4320000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4320000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 100000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 372600 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 36596100 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1965 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | RAW WATER INTAKE STRUCTURE |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | CLEARWELL AND CREEK PUMP |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | RESERVOIR |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | FILTERS |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Gore Public Works Authority |
| 1.2.1 | PWSID Number | OK1021773 |
| 1.2.2 | PWSID Number | 1021773 |
| 1.3.1 | Contact Information: - Name | Horace E. Lindley |
| 1.3.2 | Contact Information: - Title | Town & Public Works Administrator |
| 1.3.3 | Contact Information: - Phone Number | 918-489-2483 |
| 1.3.4 | Contact Information: - E-Mail Address | goreta@crosstel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 329 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Gore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74435 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 S. Main St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Gore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74435 |
| 1.3.11 | Contact Information: - County | Sequoyah |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | None |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1836 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1872 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1910 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 700 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 715 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 730 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 745 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 780 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.21 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.215 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.22 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.225 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.25 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.518 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 48 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 10 |
| 3.10.1 | Source of estimated percentages | Historic Data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Tenkiller Lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.14 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.14 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.07 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.1 |

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| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1985 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | None |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 6 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Burnt Cabin RWD |
| 1.2.1 | PWSID Number | OK1021763 |
| 1.2.2 | PWSID Number | 1021763 |
| 1.3.1 | Contact Information: - Name | Ray Spear |
| 1.3.2 | Contact Information: - Title | Treas. |
| 1.3.3 | Contact Information: - Phone Number | 918.457.3155 |
| 1.3.4 | Contact Information: - E-Mail Address | rayspearchughes.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 34118 S. Burnt Cabin Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Park Hill |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74451 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 34118 S. Burnt Cabin Rd. |
| 1.3.9 | Contact Information: - Physical Address (City) | Park Hill |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74451 |
| 1.3.11 | Contact Information: - County | Cherokee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 270 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 270 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 270 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 270 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 270 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 77 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 77 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 77 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 77 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 77 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 77 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.0521 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 70000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13.134 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 40 |
| 3.10.1 | Source of estimated percentages | Water usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | Lake Tenkiller |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 99 Acre feet |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 94 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.0864 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.099953425 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 80000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 13.134 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1983 |

| | | |
|--------|--|--------------------------------------|
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1983 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | All the testing cost + price of chem |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | none |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Tenkiller |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.1 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | Yes |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | ccrwd # 13 |
| 1.2.1 | PWSID Number | 1021721 |
| 1.2.2 | PWSID Number | 1021721 |
| 1.3.1 | Contact Information: - Name | bruce warner |
| 1.3.2 | Contact Information: - Title | superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-457-4690 |
| 1.3.4 | Contact Information: - E-Mail Address | crwd13@sbcglobe.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 34 |
| 1.3.6 | Contact Information: - Mailing Address (City) | cookson |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74427 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 20102 cookson bend rd |
| 1.3.9 | Contact Information: - Physical Address (City) | cookson |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74427 |
| 1.3.11 | Contact Information: - County | cherokee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 825 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.165 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.23 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | aug 3.4 people per household |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.10.1 | Source of estimated percentages | billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Tenkiller Lake |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.165 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.23 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 145.775 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1970 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Add new filter unit to double capacity, |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Tenkiller |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 90 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 30 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 27 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Doing upgrade on present filters. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Afton Public Works Authority |
| 1.2.1 | PWSID Number | 1021696 |
| 1.2.2 | PWSID Number | 1021696 |
| 1.3.1 | Contact Information: - Name | Bill Harrison |
| 1.3.2 | Contact Information: - Title | Chairman, APWA |
| 1.3.3 | Contact Information: - Phone Number | 981-257-4304 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 250 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Afton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74331 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 S.W. 1st Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Afton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74331 |
| 1.3.11 | Contact Information: - County | Ottawa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1400 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 585 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 585 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 585 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 585 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 585 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.137 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.137 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.137 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.137 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.137 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/31/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.26 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 45.3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 58 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 19 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 23 |
| 3.10.1 | Source of estimated percentages | internal records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | Grand Lake O' Cherokees |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.28 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.137 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.26 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 45.3 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |

| | | |
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| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 2 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Mayes Co. R.W.D. #9 |
| 1.2.1 | PWSID Number | 1021678 |
| 1.2.2 | PWSID Number | 1021678 |
| 1.3.1 | Contact Information: - Name | Brent Bridges |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-434-5000 |
| 1.3.4 | Contact Information: - E-Mail Address | dagntlmn@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 3134 E. 523 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Salina, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74365 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2800 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 904 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1900 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.19 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.26 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.35 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.44 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.393 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 69.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 47 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 31 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 18 |
| 3.10.1 | Source of estimated percentages | July 2007 Usage Data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Locust Grove P.W.A. |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
|--------|--|---|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2.8 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | W.R. Holloway Reservoir |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.4 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.4 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.19 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.393 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 69.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1994 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1994 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Treatment plant expansion and upgrade |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | no |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Increased capacity) larger pumps, larger dist. line to accomodate 1.4 MGD from .4 MGD |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 68 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 99 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Ample capacity except after line break. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Adding 2 new lines totaling approx 6 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Jay Water Works |
| 1.2.1 | PWSID Number | 1021674 |
| 1.2.2 | PWSID Number | 1021674 |
| 1.3.1 | Contact Information: - Name | Wayne Dunham |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918-253-4307 |
| 1.3.4 | Contact Information: - E-Mail Address | jaycity1@brightok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 102 North 5th Str. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Jay, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74346 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2329 S. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Jay, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74346 |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Municipal and sell to Rural Water Dist # 1 |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2482 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3600 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1158 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1275 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1350 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.75 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.25 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2.75 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/26/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.4 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 381 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.10.1 | Source of estimated percentages | Monthly meter readings |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Water District # 1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 38 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eucha |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |

| | | |
|--------|--|---|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 381 MG |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.4 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 381 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1976 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None at this time |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | All my percentages added up to 100 % in two different questions, and it kept kicking me back. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Locust Grove PWA |
| 1.2.1 | PWSID Number | 1021668 |
| 1.2.2 | PWSID Number | 1021668 |
| 1.3.1 | Contact Information: - Name | Tom Pirtle |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918.479.5354 |
| 1.3.4 | Contact Information: - E-Mail Address | lgcity@sstelco.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 246 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Locust Grove |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74352 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 109 E Ross |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1625 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1650 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1790 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 831 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 845 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 850 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 931 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.148 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.15 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.152 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.166 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 54.02 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RR #9 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5203860 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | GRDA |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD #6 MAYES COUNTY |
| 1.2.1 | PWSID Number | 1021666 |
| 1.2.2 | PWSID Number | 1021666 |
| 1.3.1 | Contact Information: - Name | DARRELL RYE |
| 1.3.2 | Contact Information: - Title | MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 918-785-2950 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd6@upperspace.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 9165N 440 |
| 1.3.6 | Contact Information: - Mailing Address (City) | BIG CABIN |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74332 |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 26 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4180 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4375 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5057 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5775 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7725 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1670 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1795 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2176 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2310 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3090 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 517000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 700000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1200000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 826000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 186187000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/8/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | lake hudson |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1000000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 75 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.304 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.55 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.826 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 199 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1976 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |

| | | |
|--------|--|------------------------------------|
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | new filters |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 300 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | WAGONER PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | OK 1021649 |
| 1.2.2 | PWSID Number | 1021649 |
| 1.3.1 | Contact Information: - Name | DWAYNE ELAM |
| 1.3.2 | Contact Information: - Title | PUBLIC WORKS DIRECTOR |
| 1.3.3 | Contact Information: - Phone Number | 918-485-4586 |
| 1.3.4 | Contact Information: - E-Mail Address | wagonerwpwa@valornet.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 406 |
| 1.3.6 | Contact Information: - Mailing Address (City) | WAGONER |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74477-0406 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 231 CHURCH STREET |
| 1.3.9 | Contact Information: - Physical Address (City) | WAGONER |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74467 |
| 1.3.11 | Contact Information: - County | WAGONER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 8500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3451 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.46 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.922 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 533 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | WATER PLANT DATA SHEETS |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 45 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 16 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 18 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | BILLING REPORT |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RURAL WATER DISTRICT #6 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | UNARCO INDUSTRIES |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | WAGONER GAS & WATER |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | BRUCE HELLER |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | GEORGE YOUNG / DON MAXEY |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 55 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 13 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |

| | | |
|--------|--|---|
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | FORT GIBSON RESERVOIR |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3.024 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.4 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.922 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 533 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2002 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.8.10 | Type of treatment plant | RAPID FLOW FILTRATION (U.S. FILTER) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1.5 |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | UNDER CAPITAL IMPROVEMENTS INFRASTRUCTURE EXPANSION |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 61.8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 14.1 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 9.8 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4.4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0.05 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 25 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | BETWEEN FAIR & POOR |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | TRYING TO PREPARE INFRASTRUCTURE IMPROVEMENTS - PROJECTS & HOW TO FUND THEM |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RURAL WATER DISTRICT #3 MAYES CO. |
| 1.2.1 | PWSID Number | 1021640 |
| 1.2.2 | PWSID Number | 1021640 |
| 1.3.1 | Contact Information: - Name | JAMES TOM THOMASSON |
| 1.3.2 | Contact Information: - Title | MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 918-435-4361 |
| 1.3.4 | Contact Information: - E-Mail Address | mayersrwd3@BRIGHTOK.NET |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 348 |
| 1.3.6 | Contact Information: - Mailing Address (City) | DISNEY |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74340 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 241 WMAIN STREET |
| 1.3.9 | Contact Information: - Physical Address (City) | DISNEY |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74340 |
| 1.3.11 | Contact Information: - County | MAYES |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30.23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3175 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4200 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1210 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1275 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1515 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1589 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2309 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.109 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.115 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.225 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.331 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.445 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 5/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.34 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 40620220 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/5/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 30 |
| 3.10.1 | Source of estimated percentages | BOOK KEEPING |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | WINDMILL RUN MARINA |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | LAKEMONT SHORES POA |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2.3 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.17 |
| 4.1.2. | Do you utilize water from providers outside your district? | No |

| | | |
|--------|--|------------------------------------|
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 20 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | GRAND LAKE OF THE CHEROKEES |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.648 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.45 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.109 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.345 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 0.4 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1965 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1978 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 40 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 8 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 4 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 88 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | FORT GIBSON UTILITIES AUTHORITY |
| 1.2.1 | PWSID Number | OK1021622 |
| 1.2.2 | PWSID Number | 1021622 |
| 1.3.1 | Contact Information: - Name | KATHY CARSON |
| 1.3.2 | Contact Information: - Title | ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 918/478-3712 |
| 1.3.4 | Contact Information: - E-Mail Address | carsonkg@yahoo.com |
| 1.3.6 | Contact Information: - Mailing Address (City) | Fort Gibson |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | PO Box 218 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 200 W Poplar Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Fort Gibson |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74434 |
| 1.3.11 | Contact Information: - County | Muskogee |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Muskogee County RWD #7 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Muskogee County RWD #4 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Koral Creek Water District |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Ozark Water District |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Grove Municipal Services Authority |
| 1.2.1 | PWSID Number | OK1021614 |
| 1.2.2 | PWSID Number | 1021614 |
| 1.3.1 | Contact Information: - Name | John Gibe |
| 1.3.2 | Contact Information: - Title | Water/Wastewater Treatment Plant Supt. |
| 1.3.3 | Contact Information: - Phone Number | 918-787-5385 |
| 1.3.4 | Contact Information: - E-Mail Address | grovemunicipal@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 104 West Third Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Grove, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74344 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 104 West Third Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Grove, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74344 |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 50 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Leak Survey |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 11000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 11990 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 15587 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20263 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5500 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5830 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7579 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9852 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.35 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.49 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.24 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.21 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.295 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 858.229 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 40 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 4 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 43 |
| 3.10.1 | Source of estimated percentages | Internal Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Delaware County RWD # 9 |

| | | |
|--------|--|---|
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Delaware County RWD # 6 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 18.8535 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 18.642 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Grand Lake O' the Cherokees |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4.8 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4.4 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 2.35 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 3.295 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 858.299 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1992 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Upgrade electrical & Intake pumps & add an Emergency Back-up Generator |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Grand Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 46500 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | VFD on Pump # 2, Electrical work on the Intake control panel and a Back-up generator. |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | The addition of a back-up generator... no increase in capacity |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 125 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 60 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 15 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 45 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 5 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Upgrade Honey Creek Booster Station with the addition of a back-up generator |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| | | |
|--------|---|---|
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | #1. If current regulations get tighter and our facility is not able to meet the new regs, funding an upgrade and the time it takes to get back into compliance could become a major issue because our City depends on tourism as a major source of revenue. # 2. GRDA controls Grand Lake, In the event of an extended period of drought it is a concern whether the GRDA would limit or cut off our ability to pump water out of Grand Lake. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Please keep us informed on any changes that will effect our PWS. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Vinita |
| 1.2.1 | PWSID Number | OK1021611 |
| 1.2.2 | PWSID Number | 1021611 |
| 1.3.1 | Contact Information: - Name | Charlie Enyart |
| 1.3.2 | Contact Information: - Title | City Administrator |
| 1.3.3 | Contact Information: - Phone Number | 918-256-8552 |
| 1.3.4 | Contact Information: - E-Mail Address | charlie@cityofvinita.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 329 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Vinita, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74301 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 104 E. Illinois |
| 1.3.9 | Contact Information: - Physical Address (City) | Vinita, Ok |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74301 |
| 1.3.11 | Contact Information: - County | Craig |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Muskogee Water Plant |
| 1.2.1 | PWSID Number | OK1021607 |
| 1.2.2 | PWSID Number | 1021607 |
| 1.3.1 | Contact Information: - Name | Mike Tickel |
| 1.3.2 | Contact Information: - Title | Plant Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-682-5021 |
| 1.3.4 | Contact Information: - E-Mail Address | mtickel@muskogeeonline.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 3500 Port Place |
| 1.3.6 | Contact Information: - Mailing Address (City) | Muskogee,OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74403 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 35900 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 36700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 40800 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 42800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 53100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 17100 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 17500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 18900 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20400 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 25200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 12.276 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 12.567 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 13.56 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 14.645 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 18.115 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 22.012 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 4481 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 22 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 78 |
| 3.10.1 | Source of estimated percentages | in-house records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #5 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #6 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Haskell Utilities |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Porter Water Authority |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 145 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 72 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 68 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 45 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Ft. Gibson Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 25000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 55 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 30 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 30 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 12.276 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 22.012 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 4480.868 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1911 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | increase to 32 MGD |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Ft. Gibson Lake |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Langley PWA |
| 1.2.1 | PWSID Number | 1021604 |
| 1.2.2 | PWSID Number | 1021604 |
| 1.3.1 | Contact Information: - Name | Steve Brown |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 918-782-3804 |
| 1.3.4 | Contact Information: - E-Mail Address | langleypublicworks@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 760 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 157 W. Court |
| 1.3.9 | Contact Information: - Physical Address (City) | Langley |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74350 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 52 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 460 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 480 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 557 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 580 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 735 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 890 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1045 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0 |
| 3.5.1 | Total Water Produced in 2007 (MG) | |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 30 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 18 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Mayes County RWD 8 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Ketchum Public Works |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.5 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Ketchum Public Works |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

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| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | New dock, lines and pumps |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 22 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 8 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Oklahoma Ordnance Works Authority |
| 1.2.1 | PWSID Number | OK1021602 |
| 1.2.2 | PWSID Number | 1021602 |
| 1.3.1 | Contact Information: - Name | Larry Williams |
| 1.3.2 | Contact Information: - Title | General Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.825.3500 |
| 1.3.4 | Contact Information: - E-Mail Address | lwilliams@maip.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 945 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pryor |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74362 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Sanders Mitchell Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Pryor |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74361 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Government Agency |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3789 |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Pryor - Municipal Utility Board |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Chouteau - Public Works Authority |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Mayes County RWD No. 2 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Grand Neosho River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 307 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 27 |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Wagoner County RWD #4 |
| 1.2.1 | PWSID Number | 1021529 |
| 1.2.2 | PWSID Number | 1021529 |
| 1.3.1 | Contact Information: - Name | Bill Giles / Rick Lang |
| 1.3.2 | Contact Information: - Title | Business Manager / Operations Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.258.2331 |
| 1.3.4 | Contact Information: - E-Mail Address | bgiles@wagonerrwd4.com / rlang@wagonerrwd4.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 9816 S. 239th E. Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Broken Arrow |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74014 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 9816 S. 239th E. Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Broken Arrow |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74014 |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7.3 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 20372 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 22750 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 30000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 40000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 70000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 8149 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 9100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 12000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 16000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 28000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.941 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.167 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.858 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 3.811 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 6.669 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.194 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 640 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2005 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 91 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 7 |
| 3.10.1 | Source of estimated percentages | Historical Data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Wagoner County RWD#8 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Wagoner County RWD#5 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 40.383 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5.717 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 68.117 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Verdigris River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 22485 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 44 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 12 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 8 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.755 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 3.194 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 640.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1993 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | pipe line upgrades |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | RWD #4 reservoir |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Calpine reservoir |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 95.13538147 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 159.5819302 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 2240 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 2240 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 31 MGD |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 52 MGD |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 237 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 59 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 35 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 45 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |

| | | |
|--------|---|-----------------------------------|
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 209th E. Ave Midway + 51st Street |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Wagoner County RWD 5 |
| 1.2.1 | PWSID Number | 1021528 |
| 1.2.2 | PWSID Number | 1021528 |
| 1.3.1 | Contact Information: - Name | Lori Lenhart |
| 1.3.2 | Contact Information: - Title | Office Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.486.5458 |
| 1.3.4 | Contact Information: - E-Mail Address | lorilen@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 835 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Coweta |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74428 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 15078 S. 305th E. Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Coweta |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74429 |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 17.27 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 7623 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3049 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.718 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.274 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 255 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2.5 x # of meter served |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Porter |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Redbird |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 21.7 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.1 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Broken Arrow |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Wagoner RWD 4 |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | City of Coweta |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 23 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 5.72 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 7.8 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Verdigris River |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.718 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.274 |

| | | |
|--------|---|------------------------------------|
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 255.1 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1990 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Verdigris River |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 18 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Wagoner County RWD #9 |
| 1.2.1 | PWSID Number | 1021527 |
| 1.2.2 | PWSID Number | 1021527 |
| 1.3.1 | Contact Information: - Name | Alan Muse |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-462-3232 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd9@valonet.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 69760 S. 321 Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wagoner, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74467 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 45 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3790 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4023 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4494 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4884 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1713 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1750 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1954 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2124 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.416 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.442 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.494 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.537 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/25/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.913 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 121 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Engineering Report |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 45 |
| 3.10.1 | Source of estimated percentages | Our own records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Fort Gibson |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.42 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 120555900 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1987 |

| | | |
|--------|--|---|
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Increased detention time from reservoir |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Our own reservoir |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 5000000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 5000000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Additional chemical treatment injection ports |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 200 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 77 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | We have too much steel line. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 63724000 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 63724000 |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | recycled into our reservoir |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Water rights on Lake Fort Gibson are very much up in the air. We need water rights precisely defined, not just on Ft. Gibson but throughout the entire state. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Why is the Grand River Dam Authority not interested in being a part of the Comprehensive Water Plan? |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Claremore |
| 1.2.1 | PWSID Number | OK1021512 |
| 1.2.2 | PWSID Number | 1021512 |
| 1.3.1 | Contact Information: - Name | Janet Donnelly |
| 1.3.2 | Contact Information: - Title | Water Resources Director |
| 1.3.3 | Contact Information: - Phone Number | 918-341-1841 |
| 1.3.4 | Contact Information: - E-Mail Address | jdonnelly@claremorecity.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 249 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Claremore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74018 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1450 E Blue Starr Dr |
| 1.3.9 | Contact Information: - Physical Address (City) | Claremore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74017 |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 16488 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 25749 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 29044 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 32179 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 44715 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 6700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 3.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 3.6 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 4.07 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.51 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 6.26 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 4.8 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1.168 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Water Master Plan in development w/Garver Eng |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Water Master Plan in development w/Garver Eng |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 29 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 7 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 23 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | Billing Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #8 |

| | | |
|---------|--|------------------------------------|
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #2 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #9 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Thunderbird MHP |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Other MHP (Mobile Home Parks) |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 87.9 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 47 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 15.1 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2.1 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 9.1 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Claremore Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Oologah Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3.5 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 3 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 50 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 6 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 3 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 6 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 3.2 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 4.8 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1.168 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 0 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1945 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1999 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1987 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1999 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.4 | Type of treatment plant - WTP 2 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | expansion |

| | | |
|--------|--|---------------------------------|
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | TOC removal |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Claremore Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 7900 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Spillway repair |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Intake Structure |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 67.4 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 57 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 6.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 7.2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 24 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 15 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | City of Coweta |
| 1.2.1 | PWSID Number | OK1021509 |
| 1.2.2 | PWSID Number | 1021509 |
| 1.3.1 | Contact Information: - Name | Mike Cahalen |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | (918) 486-8073 |
| 1.3.4 | Contact Information: - E-Mail Address | mcahalen@cityofcoweta.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 850 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Coweta |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74429 |
| 1.3.11 | Contact Information: - County | Wagoner |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Broken Arrow |
| 1.2.1 | PWSID Number | OK1021508 |
| 1.2.2 | PWSID Number | 1021508 |
| 1.3.1 | Contact Information: - Name | Paul Rhodes |
| 1.3.2 | Contact Information: - Title | Utilities Director |
| 1.3.3 | Contact Information: - Phone Number | 918-259-7000 |
| 1.3.4 | Contact Information: - E-Mail Address | prhodes@brokenarrow.ok.gov |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p. o. bOX 610 |
| 1.3.6 | Contact Information: - Mailing Address (City) | bROKEN aRROW |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74013 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 6 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 96000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 100000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 122000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 149000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 33545 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 34940 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 42630 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 52060 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 70160 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 10.12 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 10500000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 12800000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 15650000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 21080000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 22.8 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 43.4 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 79 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.10.1 | Source of estimated percentages | Water supply improvements study (demand projections) |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |

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| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | B.A. Golf Authority |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Blue Bell Creameries |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #5 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Lindsey Construction |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 30.46 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 27.8 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 23.2 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 17.38 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma Ordinance Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 3693.2 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Grand River |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Verdigris River |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 15.185 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 0.0047 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 8 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.1189 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 6.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 43.4 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1961 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1997 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 15 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | No |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Verdigris River |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 5615 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Additional raw water storage of 461 a.f. |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Yes, see study |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Phase 1 will increase reservoir capacity to 300 mg, new 36" raw water line, new intake structure on river. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | complete plant upgrade |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 40 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |

| | | |
|--------|--|--|
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 90 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 2 |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | Golf course irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 0.02 |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | Cost of chemicals to treat 1,000 gallon of effluent |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We purchase almost 100% of our potable water from OOWA, but we do have a plant we can run if needed. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rogers County RWD # 5 |
| 1.2.1 | PWSID Number | ok1021507 |
| 1.2.2 | PWSID Number | 1021507 |
| 1.3.1 | Contact Information: - Name | steve dunavant |
| 1.3.2 | Contact Information: - Title | manager |
| 1.3.3 | Contact Information: - Phone Number | 918-266-4634 |
| 1.3.4 | Contact Information: - E-Mail Address | steve@rerwds.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | o.o. box 1980 |
| 1.3.6 | Contact Information: - Mailing Address (City) | claremore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74018-1980 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 25254 S 4100 Rd |
| 1.3.9 | Contact Information: - Physical Address (City) | Claremore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74019 |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 10145 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 10750 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 15300 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 30000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 4058 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4300 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 8500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.4 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.6 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3.4 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 508 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 83 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 12 |
| 3.10.1 | Source of estimated percentages | in house records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |

| | | |
|---------|--|------------------------------------|
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Lake Valley MHP |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Deerfield Springs MHP |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Lone Elm MHP |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Midway MHP |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Trails End MHP |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 19 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 7 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Tulsa |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Wagoner County RWD # 4 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only |
| 4.4.3 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Some of each | Some of each |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 10.8 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0.7 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Verdigris River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1600 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.8 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 3 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 508 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1966 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 3 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 22 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 270 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 25 |

| | | |
|----------|--|---------------------------------|
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 8 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 85 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 7 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| Comments | | Sold raw and treated water |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWD #4 Rogers Co. |
| 1.2.1 | PWSID Number | 1021506 |
| 1.2.2 | PWSID Number | 1021506 |
| 1.3.1 | Contact Information: - Name | Julie Hendrix |
| 1.3.2 | Contact Information: - Title | Office Man. |
| 1.3.3 | Contact Information: - Phone Number | 918.443.2542 |
| 1.3.4 | Contact Information: - E-Mail Address | rogersrwd4@aim.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 198 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Oologah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74053 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 210 W. Cooweescoowee |
| 1.3.9 | Contact Information: - Physical Address (City) | Oologah |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74053 |
| 1.3.11 | Contact Information: - County | Rogers |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 37 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2772 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2900 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4200 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.946 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1100000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1400000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1800000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1603000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 341.999 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates, Self Provided Estimates, Kellogg Engineering |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.10.1 | Source of estimated percentages | # of Res. vs. Com. Usage Comparison using their usage. |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Oologah |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 5000 acre ft. |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 60 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.8 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |

| | | |
|--------|--|---|
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 342 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2007 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | none at this time |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 350 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 48 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 60 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Collinsville |
| 1.2.1 | PWSID Number | 1021505 |
| 1.2.2 | PWSID Number | 1021505 |
| 1.3.1 | Contact Information: - Name | Pam Polk |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | (918) 371-1010 |
| 1.3.4 | Contact Information: - E-Mail Address | ppolk@cityofcollinsville.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 730 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Collinsville, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74021 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 106 N. 12th St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Collinsville, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74021 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4687 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2378 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.598 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 12/3/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.5 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 214.599 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Incog |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.10.1 | Source of estimated percentages | Municipal Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Oologah Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Collinsville City Lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.6 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.598 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 214.599 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1979 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | VFD Pumps - Paceable metering pumps - New instrumentation online & bench. Need roof & doors. |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Oologah Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Collinsville City Lake |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 2 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 0.5 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 100 |

| | | |
|--------|--|---|
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CHELSEA ECONOMIC DEVELOPMENT AUTHORITY |
| 1.2.1 | PWSID Number | OK 1021504 |
| 1.2.2 | PWSID Number | 1021504 |
| 1.3.1 | Contact Information: - Name | KENNY WEAST |
| 1.3.2 | Contact Information: - Title | TOWN ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 918-789-2558 |
| 1.3.4 | Contact Information: - E-Mail Address | kennyweast@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 637 S OLIVE ST. |
| 1.3.6 | Contact Information: - Mailing Address (City) | CHELSEA |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74016 |
| 1.3.8 | Contact Information: - Physical Address (Street) | SAME |
| 1.3.9 | Contact Information: - Physical Address (City) | SAME |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | SAME |
| 1.3.11 | Contact Information: - County | ROGERS |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2800 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1051 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.527 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.784 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 192.487 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | DOC ESTIMATES FROM 2000 CENSUS, ESTIMATED RURAL |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 31 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.10.1 | Source of estimated percentages | ESTIMATE FROM BILLING RECORDS |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CRWD #1 NOWATA COUNTY |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | MAYES COUNTY #5 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 64.632 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | OOLOGAH LAKE |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | CHELSEA LAKE |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 552 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 64 |

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| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 90 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 10 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.864 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.864 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.527 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.784 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 192.487 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1989 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2002 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | CLEARWELL, SEDIMENTATION BASIN, SLUDGE PONDS, INTAKE STRUCTURE AT OOLOGAH LAKE, REPLACE FILTERS (THIS IS A 8 YEAR PLAN) |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | SEE ABOVE |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | LARGER PUMP MOTOR(S), ELECTRICAL IMPROVEMENTS |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | REPLACE PUMP STATION AND INTAKE PUMP STRUCTURE |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 39.6 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10.6 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 15 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 5 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | FUNDING AVAILABLE FOR ANY DRASTIC CHANGES TO THE STATE PLAN. WITH SUCH HIGH DEQ MANDATES, COMMUNITIES LIKE CHELSEA ARE HAVING TO CHARGE SUCH HIGH RATES ALREADY AND THESE ARE DRASTICALLY HIGHER THAN BIGGERS COMMUNITIES. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Delaware |
| 1.2.1 | PWSID Number | 1021502 |
| 1.2.2 | PWSID Number | 1021502 |
| 1.3.1 | Contact Information: - Name | Ethan Cummings |
| 1.3.2 | Contact Information: - Title | water superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-698-7781 |
| 1.3.4 | Contact Information: - E-Mail Address | ksmith_clerk@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 277 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Delaware |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74027 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 607 Elm Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Delaware |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74027 |
| 1.3.11 | Contact Information: - County | Nowata |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 456 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 466 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 476 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 486 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 496 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 221 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 225 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 230 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 235 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 240 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | #VALUE! |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | #VALUE! |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | #VALUE! |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | #VALUE! |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | #VALUE! |
| 3.5.1 | Total Water Produced in 2007 (MG) | |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Verdigris River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 43 acre feet |

#VALUE!
#VALUE!
#VALUE!
#VALUE!

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| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 90 |
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| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Washington County RWD #3 |
| 1.2.1 | PWSID Number | OK1021418 |
| 1.2.2 | PWSID Number | 1021418 |
| 1.3.1 | Contact Information: - Name | Mr. Jerry Gammill |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-371-2055 |
| 1.3.4 | Contact Information: - E-Mail Address | rwdwash3@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 70 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Collinsville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74021 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 17227 N. 129th E. Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Collinsville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74021 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 16812 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 19463 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 31702 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 51640 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 223185 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 6802 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7785 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 12681 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20656 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 89274 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.78 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.06 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.36 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 5.47 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 23.63 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.6 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 629.082 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 68 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 22 |
| 3.10.1 | Source of estimated percentages | Best guess based on experience |

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| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Owasso |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Osage RWD #15 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rogers RWD #3 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.13.5 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Tulsa Metropolitan Utility Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 20.182 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Oologah Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3500 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.723 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 3.7 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 628.082 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1980 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2001 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | LT2 ESWTR |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 6 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | We will be expanding our North WTP from 4 to 10 MGD. The expansion will include new chemical storage and handling facilities, 2-Clarifiers, 6-Filters, 1 MG Clearwell, new High Service Pump Bldg. |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Oologah Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 3500 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 3500 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 15 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | We are developing a new raw water source (i.e., Caney River) that will include a new terminal storage reservoir with approximately 25 MG of volume. |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | We will be constructing a low water dam in the Caney River. |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Pump station and conveyance line from the Caney River. Capacity of the system will be approximately 10 MGD. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 233.8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 59.3 |

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| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 3.9 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0.2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 40 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We are planning the installation of several of 12-inch water line. Funding is partially covered. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | We will provide our comments in the Regional Meetings |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Ditto |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | COPAN PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | OK1021417 |
| 1.2.2 | PWSID Number | 1021417 |
| 1.3.1 | Contact Information: - Name | JUDSON C. ROWLAND |
| 1.3.2 | Contact Information: - Title | WATER PLANT SUPERVISOR |
| 1.3.3 | Contact Information: - Phone Number | (918)532-4732 |
| 1.3.4 | Contact Information: - E-Mail Address | CCOPAN@SBCGLOBAL.NET |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 112 N. CANEY AVE |
| 1.3.6 | Contact Information: - Mailing Address (City) | COPAN |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74022 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 112 N. CANEY AVE. |
| 1.3.9 | Contact Information: - Physical Address (City) | COPAN |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74022 |
| 1.3.11 | Contact Information: - County | WASHINGTON |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1159 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1225 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1230 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1240 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 418 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 420 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 425 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 430 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 435 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 109176 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 110000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 120000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 125000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 130000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/29/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 198000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 39.8 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | ODEQ |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 7 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 8 |
| 3.10.1 | Source of estimated percentages | BILLING |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | WASHINGTON CTY RWD #7 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.6 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | COPAN LAKE |

| | | |
|--------|--|--|
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 100% |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.45 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.1 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.19 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 39.8 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1983 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | LAKE WELL HOUSE, STG 2 DBP RULE, STORAGE TNK |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | COPAN LAKE |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 50000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 39.8 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 50000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 14.1 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1.6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | NO |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Hulah Rural Water District #20 |
| 1.2.1 | PWSID Number | 1021410 |
| 1.2.2 | PWSID Number | 1021410 |
| 1.3.1 | Contact Information: - Name | Kathy Graham |
| 1.3.2 | Contact Information: - Title | Operator |
| 1.3.3 | Contact Information: - Phone Number | 918.336.3296 |
| 1.3.4 | Contact Information: - E-Mail Address | hulahwp@aol.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 330 CR 3351 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pawhuska |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74056 |
| 1.3.9 | Contact Information: - Physical Address (City) | Bowring |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 152 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 150 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 132 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 120 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 100 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 182 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.032 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 4/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.044 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 10.044 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | Monthly reports |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Hulah Lake |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.0864 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.78 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.029 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.044 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 10.044 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1970 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |

| | | |
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| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | River pumps go out a lot, need better system to get water from lake to plant. Also main line crosses Caney river + needs to be buried deeper |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | East and West ponds |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1.288930975 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0.42 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Ponds could be lined to help reduce organics |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Would like to run water through sand media before it enter UF machine. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Dead ends on lines, 1 long line w/ 3 customers on it, pipes are old. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Bartlesville |
| 1.2.1 | PWSID Number | 1021401 |
| 1.2.2 | PWSID Number | 1021401 |
| 1.3.1 | Contact Information: - Name | C. Michael Hall |
| 1.3.2 | Contact Information: - Title | Director of Water Utilities |
| 1.3.3 | Contact Information: - Phone Number | 918-338-4110 |
| 1.3.4 | Contact Information: - E-Mail Address | cmhall@cityofbartlesville.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 401 S. Johnstone |
| 1.3.6 | Contact Information: - Mailing Address (City) | Bartlesville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74003 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1700 S.W. Adams Blvd |
| 1.3.9 | Contact Information: - Physical Address (City) | Bartlesville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74003 |
| 1.3.11 | Contact Information: - County | Washington |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15.6 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 34748 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 35746 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 37721 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 39817 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2055 44,727 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 16790 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 6.57 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 10 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 11.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 11.9 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 2055 14.8 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 15.383 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2282.97 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Bartlesville Water Supply Study (attached) |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Bartlesville Water Supply Study |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 63 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 14 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 7 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 3 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 13 |
| 3.10.1 | Source of estimated percentages | Bartlesville Water Supply Study |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Dewey |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Washington County RWD 2 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Le Ann Water Co. |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Ochelata |

| | | |
|--------|--|--|
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Osage RWD 1, Strike Axe Water Co., Washington RWD 5, Bardew Water Assoc. Minnesota Water Dist. |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 187597900 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 75002500 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 60637100 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 32417000 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 83229600 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Hudson Lake (City Owned) |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Hulah Lake |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Caney River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3548 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 13819 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 6000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 40 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 35 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 26 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 6.57 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 15.383 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 2282.97 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2006 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Fe & Mn Reduction |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Pretreatment - Oxidation |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Pumping and Transmission capacity for new source -- NO FUNDING |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | AERATION AND MIXING AT SOURCE |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 87 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 104 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 26 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 18 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 19 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 53 |

| | | |
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| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Construct 2.6 new 10" water line |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Have funds and plan to construct new 4 mg ground storage tank upgrade or construct a new booster pump station standby power for 3 booster pump stations. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | TOWN OF SKIATOOK |
| 1.2.1 | PWSID Number | 1021313 |
| 1.2.2 | PWSID Number | 1021313 |
| 1.3.1 | Contact Information: - Name | JILL CROOK |
| 1.3.2 | Contact Information: - Title | ADMINISTRATIVE ASSISTANT |
| 1.3.3 | Contact Information: - Phone Number | 918-396-3200 |
| 1.3.4 | Contact Information: - E-Mail Address | jill@townofskiatook.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P O BOX 399 |
| 1.3.6 | Contact Information: - Mailing Address (City) | SKIATOOK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74070 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 110 N BROADWAY |
| 1.3.9 | Contact Information: - Physical Address (City) | SKIATOOK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74070 |
| 1.3.11 | Contact Information: - County | TULSA |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 49 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2445 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2550 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2800 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2788 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2800 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2850 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3100 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.9 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.066 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 369 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 44 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 49 |
| 3.10.1 | Source of estimated percentages | HISTORIC WATER CONSUMPTION DATA |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RURAL WATER DIST. #15 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 18.0166 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | CITY OF TULSA |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |

| | | |
|--------|--|---------------------------------|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 75.442 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | SKIATOOK LAKE |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 841 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.16 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.16 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.946 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.09 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 345 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1991 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 3 |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Skiatook Lake |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 8.7 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0.024 |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | Decant water from backwash |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 0 |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Hominy |
| 1.2.1 | PWSID Number | 1021306 |
| 1.2.2 | PWSID Number | 1021306 |
| 1.3.1 | Contact Information: - Name | Cox Everett |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 918.885.2164 |
| 1.3.4 | Contact Information: - E-Mail Address | hominyh20@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 219 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hominy |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74035 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 219 W 1st |
| 1.3.9 | Contact Information: - Physical Address (City) | Hominy |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74035 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2584 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2584 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2584 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2584 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2584 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2584 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2584 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2584 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2584 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2584 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.55 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 200000000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 200000000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 200000000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 200000000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 720000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 197413000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 89 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.10.1 | Source of estimated percentages | sELF |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Osage Nation |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 29 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Hominy Municipal Lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1200000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1200000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 547945 |

| | | |
|--------|--|------------------------------------|
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 720000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 197413000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1978 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | None |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Hominy Municipal Lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Gravity Flow |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 14 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 95 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Avant Utilities Authority |
| 1.2.1 | PWSID Number | OK1021305 |
| 1.2.2 | PWSID Number | 1021305 |
| 1.3.1 | Contact Information: - Name | Tony Robinette |
| 1.3.2 | Contact Information: - Title | Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918/263-3205 |
| 1.3.4 | Contact Information: - E-Mail Address | AvantUtilities@aol.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 147 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Avant |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74001 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 235 Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Avant |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74001 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 380 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 166 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 168 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 168 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 27120 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 27400 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 27400 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.04 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | US Census |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.10.1 | Source of estimated percentages | billing register |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Avant Lake a reservoir on Pecan Creek |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

| | | |
|--------|--|---------------------------------|
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Barnsdall, OK |
| 1.2.1 | PWSID Number | OK1021304 |
| 1.2.2 | PWSID Number | 1021304 |
| 1.3.1 | Contact Information: - Name | Carol Smith |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-847-3522 |
| 1.3.4 | Contact Information: - E-Mail Address | Carolwtp39@valornet.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 1001 E. Hwy 11 P.O.Box 879 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Barnsdall |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74002 |
| 1.3.11 | Contact Information: - County | Osage |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 9 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1325 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 700 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 250000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/3/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 383000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 79.688 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | U. S. Census survey |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | MOR's |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | Lake Waxhoma |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 400 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 million |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 250000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 383000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 79688000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1996 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.10 | Type of treatment plant | Rapid Rate Filter-WTP 1 |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | toc's |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | We are working with an engineer to get funding to put a clarifier at the front of the plant |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | will need carbon added to filter beds and anything for help in the stage1 and 2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Old water lines in town causing brown water and sedimentation when hot outside |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| | | |
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| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | NO, any questions please call |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | pawhuska |
| 1.2.1 | PWSID Number | ok1021301 |
| 1.2.2 | PWSID Number | 1021301 |
| 1.3.1 | Contact Information: - Name | paul w. mcalexander |
| 1.3.2 | Contact Information: - Title | city manager |
| 1.3.3 | Contact Information: - Phone Number | 918-287-3040 |
| 1.3.4 | Contact Information: - E-Mail Address | cityof pawhuska@sbcgrbal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 539 |
| 1.3.6 | Contact Information: - Mailing Address (City) | oawhuska |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74056 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 118 w main |
| 1.3.9 | Contact Information: - Physical Address (City) | pawhuska |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74056 |
| 1.3.11 | Contact Information: - County | osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3800 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3880 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4160 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4360 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2200 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2250 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2413 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2529 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.676 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.676 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.741 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.776 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.9 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 246 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Evergreen Rural Water |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 8.177 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Bird Creek |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Bluestem Lake |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Clear Creek |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 677 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 762 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 148 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2 |

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| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.7 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.676 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.9 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 246 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1920 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1960 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | LONE CHIMNEY WATER ASSOCIATION (From Water Sellers) |
| 1.2.1 | PWSID Number | OK1021221 |
| 1.2.2 | PWSID Number | 1021221 |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 181 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 193 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 200 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.2 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.365 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 544.614 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | CDBG Survey |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 2 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 0 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 50 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 34 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 |
| 3.10.1 | Source of estimated percentages | Billing & M.O.R. |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Pawnee |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 51 East RWC |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Yale |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Morrison |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | All other entities combined |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 164682000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 45455510 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 36026000 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 32030420 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 179224891 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lone Chimney Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 2507 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.2 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2365000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 544614000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Eventual increased plant capacity |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 17 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 153 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |

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| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | N/A |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | N/A |
| 7.11.4 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | N/A |
| 7.11.5 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 3: | N/A |
| 7.11.6 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | N/A |
| 7.11.7 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 4: | N/A |
| 7.11.8 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | N/A |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | None |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | This is an important survey. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Stillwater, Water Utilities |
| 1.2.1 | PWSID Number | City-ok1021220 and Rural Water Corp # 3-ok300630 |
| 1.2.2 | PWSID Number | 1021220 |
| 1.3.1 | Contact Information: - Name | Anthony Daniel |
| 1.3.2 | Contact Information: - Title | Water Utilities Director |
| 1.3.3 | Contact Information: - Phone Number | 405-742-8351 |
| 1.3.4 | Contact Information: - E-Mail Address | adaniel@stillwater.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 1449 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Stillwater |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74076-1449 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 723 S. Lewis Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Stillwater |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74074 |
| 1.3.11 | Contact Information: - County | Payne |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 46000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 44400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 47780 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 51330 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 19868 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 19092 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 20545 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 22072 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 7.65 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 7.35 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 7.9 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 8.49 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 13.096 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2586 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 46 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 8 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 14 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 20 |
| 3.10.1 | Source of estimated percentages | Billing records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | ok state university |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rural water corp # 3 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 51 east water district |

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| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | noble county # 2 |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | otoe-missourt (raw water only) |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 364.98 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.15 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 18.07 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12.738 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Kaw Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 56006 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 16.1 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 21 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 18 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 7.265 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 13.096 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 2586.18 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2000 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Kaw Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1327155 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 4 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Back up raw water transmission main line, about 40 miles. |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 196 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 80 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 12 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 9 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Infrastructure improvements are much needed and no financing is in place. |

| | | |
|--------|---|---------------------------------|
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Good planning tool. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | none |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Cleveland |
| 1.2.1 | PWSID Number | 1021210 |
| 1.2.2 | PWSID Number | 1021210 |
| 1.3.1 | Contact Information: - Name | Gaylen Vaughn |
| 1.3.2 | Contact Information: - Title | Water Plant Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918.358.2982 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Drawer 190 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Cleveland, Ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74020 |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74020 |
| 1.3.11 | Contact Information: - County | Pawnee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3282 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3990 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4350 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1600 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1764 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1955 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2131 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.551 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.611 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.666 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 182.5 |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | Customers/Residential/Commercial |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Lone Chimney |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 2 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 1 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 2 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.05 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 20 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Cleveland Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 226.3506944 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 0.5 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |

| | | |
|--------|--|---------------------------------|
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.5 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.85 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2003 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | yes |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 25 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 6 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 24 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Pawnee |
| 1.2.1 | PWSID Number | OK1021209 |
| 1.2.2 | PWSID Number | 1021209 |
| 1.3.1 | Contact Information: - Name | Tom Briggs |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 918.762.2658 |
| 1.3.4 | Contact Information: - E-Mail Address | tom@cityofpawnee.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 510 Illinois Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pawnee |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74058 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 510 Illinois Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Pawnee |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74058 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |

| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | Noble County RWD #1 |
| 1.2.1 | PWSID Number | OK1021205 |
| 1.2.2 | PWSID Number | 1021205 |
| 1.3.1 | Contact Information: - Name | Brent Bolay |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580-336-5947 Home |
| 1.3.4 | Contact Information: - E-Mail Address | bbolay@ditchwitch.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 29 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Lucien |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73757 |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73757 |
| 1.3.11 | Contact Information: - County | Noble |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Logan County RWD #3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Upstream Flood Control Detention Dam |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|---------------------------------|
| 1.1.1 | Provider Name | town of fairfax |
| 1.2.1 | PWSID Number | ok1021204 |
| 1.2.2 | PWSID Number | 1021204 |
| 1.3.1 | Contact Information: - Name | rae ann smith |
| 1.3.2 | Contact Information: - Title | clerk-treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-642-5211 |
| 1.3.4 | Contact Information: - E-Mail Address | ffctyclkecimtel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 399 |
| 1.3.6 | Contact Information: - Mailing Address (City) | fairfax |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74637 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 150 e. elm |
| 1.3.9 | Contact Information: - Physical Address (City) | fairfax |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74637 |
| 1.3.11 | Contact Information: - County | osage |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1660 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1780 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1870 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 780 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 946 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1015 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1065 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.17 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.21 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.22 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.23 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 58.159 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 94 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.10.1 | Source of estimated percentages | billing date |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | grayhorse rural water |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6920 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | fairfax city lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 864000 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 864000 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 171000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 62409 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1995 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1995 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |

| | | |
|--------|--|---------------------------------|
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | membrane needs redone |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | fairfax city lake |

| Question # | Question | Answer |
|------------|---|---------------------------------|
| 1.1.1 | Provider Name | Ponca City Ok. Municipal Water |
| 1.2.1 | PWSID Number | 1021202 |
| 1.2.2 | PWSID Number | 1021202 |
| 1.3.1 | Contact Information: - Name | David Cooper |
| 1.3.2 | Contact Information: - Title | Chief Operator |
| 1.3.3 | Contact Information: - Phone Number | 580-767-0418 |
| 1.3.4 | Contact Information: - E-Mail Address | coopedl@poncacityok.gov |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 1450 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ponca City, OK. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74602 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1801 E. Central |
| 1.3.9 | Contact Information: - Physical Address (City) | Ponca City,OK. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74604 |
| 1.3.11 | Contact Information: - County | Kay |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 13710 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 15 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 25 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.796 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 4358.1 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 100 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Ponca City Municipal Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 4000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 10 |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Blackwell, Oklahoma |
| 1.2.1 | PWSID Number | 1021101 |
| 1.2.2 | PWSID Number | 1021101 |
| 1.3.1 | Contact Information: - Name | Joseph Smith |
| 1.3.2 | Contact Information: - Title | City Engineer |
| 1.3.3 | Contact Information: - Phone Number | 580-363-7250 |
| 1.3.4 | Contact Information: - E-Mail Address | cityengineer@blackwellok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 221 West Blackwell - P O Box 350 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Blackwell |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74631 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 221 West Blackwell |
| 1.3.9 | Contact Information: - Physical Address (City) | Blackwell |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74631 |
| 1.3.11 | Contact Information: - County | Kay |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10.2 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Chikaskia River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3600 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.9 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.2 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 460 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1927 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Industriala use expected to max out the WTP in three (3) years |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 205 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Rqw water forwarding pump & controls not funded |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Rqw water forwarding pump |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 54 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

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| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Aging piping subject to pressure cracking |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Booster pump |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0.36 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0.036 |
| 7.4.3 | Which type(s) of reuse is (are) practiced? | Industrial |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | demand is expected to double in five (5) years |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Guthrie |
| 1.2.1 | PWSID Number | ok1020903 |
| 1.2.2 | PWSID Number | 1020903 |
| 1.3.1 | Contact Information: - Name | Woody Epperson |
| 1.3.2 | Contact Information: - Title | Water Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405-282-0532 |
| 1.3.4 | Contact Information: - E-Mail Address | guthriewater@coxinet.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. box 908 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Guthrie |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73044 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1113 South Division |
| 1.3.9 | Contact Information: - Physical Address (City) | Guthrie |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73044 |
| 1.3.11 | Contact Information: - County | Logan |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22.7 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 9925 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 11320 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 12730 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 13890 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 18000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3350 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3941 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4328 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 3.8 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 4.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.4 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.6 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/23/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.32 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 458 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Guthrie |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Liberty Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 893 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 771 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 20 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 20 |

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| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.25 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.32 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 458 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1952 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1978 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 3 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | A new Treatment Plant in 2010 |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Lake intakes rehabilitation and a new raw water main coming from the lakes to the treatment plant. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 40 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 60 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replacement of approx. 1.5 of 16" main, as part of the new treatment plant project. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Oklahoma City Utilities |
| 1.2.1 | PWSID Number | 1020902, 1020902_B, 1020902_C |
| 1.2.2 | PWSID Number | 1020902 |
| 1.3.1 | Contact Information: - Name | Monroe Hannon |
| 1.3.2 | Contact Information: - Title | Water Quality Superintendent |
| 1.3.3 | Contact Information: - Phone Number | (405) 297-3530 |
| 1.3.4 | Contact Information: - E-Mail Address | monte.hannon@okc.gov |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 420 W. Main St, Suite #430 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Oklahoma City |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73102 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 420 W. Main St, Suite #430 |
| 1.3.9 | Contact Information: - Physical Address (City) | Oklahoma City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73102 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 554288 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 576215 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 655788 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 746349 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1099576 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 182197 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 190520 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 221107 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 256604 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 401095 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 92.02 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 104 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 118 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 134 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 198 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 169.8 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 33588.97 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Oklahoma City Water Utilities Master Plan |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2003 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 41 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 28 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 6 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |

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| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 |
| 3.10.1 | Source of estimated percentages | OKC Utilities Customer Service Data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Moore |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Yukon |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Blanchard |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Norman |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Edmond, Mustang, Canadian County RWD, Bethany, Elreno, Midwest City, Nichols Hills, The Village, Warr Acres, Deer Creek, Piedmont |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.7 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 923.818 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 482.979 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 191.334 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 162.35 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 817.375 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 75 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 150 |
| 6.1.3 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 3 | 30 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 75 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 150 |
| 6.2.3 | What is the maximum treatment rate of your facility (MGD)? - WTP 3 | 28 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 43.26 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 72.4 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 97.4 |
| 6.4.3 | What was your 2007 peak day production (MGD)? - WTP 3 | 0 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 15791.6 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 17284.3 |
| 6.5.3 | Total annual production in 2007 (MG) - WTP 3 | 513.07 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1947 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1964 |
| 6.6.3 | What year was your water treatment plant(s) originally built? - WTP 3 | 1907 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1993 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 2005 |
| 6.7.3 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 3 | 1970 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.8.8 | Type of treatment plant - WTP 3 | Conventional (floc/sed/filtration) |
| 6.8.10 | Type of treatment plant | WTP #1 - Ozone/GAC Filters |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 50 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | WTP #1 - 50 MGD Expansion |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) . - WTP 2 | Surge Protection Improvements & High Service PS Improvements (Capacity & Rehabilitation) |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Canton Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Overholser Lake |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Atoka Lake |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | McGee Creek Reservoir |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 97170 |

| | | |
|--------|--|--|
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 17000 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 123500 |
| 6.15.4 | Current (2007) total reservoir storage capacity (AF) - Reservoir 4 | 71800 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 18704 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 5000 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 92067 |
| 6.16.4 | Current (2007) reservoir firm yield (AFY) - Reservoir 4 | 71800 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 31661 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 5539 |
| 6.17.3 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 3 | 40239 |
| 6.17.4 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 4 | 23395 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Lake Atoka Dam is currently under engineering investigation. |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Atoka Pipeline Improvements - will provide no additional capacity. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | 1) Raw water pipeline between Lake Draper and Lake Hefner, 2) Second Atoka Pipeline, 3) Raw water pipeline between Sardis Lake and McGee Creek Reservoir |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1302 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 1223 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 340 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 27 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 44 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 15 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 93 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 199 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 9 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 21 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 28 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 11 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 1800 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 10 |
| 7.4.1 | Which type(s) of reuse is (are) practiced? | Landscape irrigation |
| 7.4.3 | Which type(s) of reuse is (are) practiced? | Industrial |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.1 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | Yes |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | Rates vary based on contract conditions - Call Perry Soltani for additional information, (405) 297-3506. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Oklahoma City is prepared to and will consider additional reuse customers and opportunities as they present themselves. Some of the answers provided were based upon and extrapolated from our Water Master Plan. A Copy of the Oklahoma City Master plan is being mailed to OWRB and the OML. |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Midwest City |
| 1.2.1 | PWSID Number | 1020806 |
| 1.2.2 | PWSID Number | 1020806 |
| 1.3.1 | Contact Information: - Name | William Janacek |
| 1.3.2 | Contact Information: - Title | Director of Environmental Services |
| 1.3.3 | Contact Information: - Phone Number | 405-739-1380 |
| 1.3.4 | Contact Information: - E-Mail Address | wjanacek@midwestcityok.org |
| 1.3.8 | Contact Information: - Physical Address (Street) | 8730 S.E. 15th Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Midwest City |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73110 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 1 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 55161 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 55492 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 57157 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 58872 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 64349 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 18311 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 18461 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 18761 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 19061 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 20000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 5.7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 6.3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 6.9 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 9.2 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 7.896 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1572.198 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 3 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 1 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Central Oklahoma Master Conservancy District |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1,859 (per COMCD's 2007 WUR/tgs) |
| 5.1.1 | Total number of groundwater permits issued to provider | 5 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 28514 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 22 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 40 |

| | | |
|--------|--|------------------------------------|
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.027 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 22.024 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 2.4 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Thunderbird Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 2843 mg |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 67 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 13 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.3 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 7.9 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1572 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1966 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | TOC, THm & HAA5 Reduction |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 182 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 82 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 11.13 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 15 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 4 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | city of del city |
| 1.2.1 | PWSID Number | 1020805 |
| 1.2.2 | PWSID Number | 1020805 |
| 1.3.1 | Contact Information: - Name | alan coffin |
| 1.3.2 | Contact Information: - Title | supervisor |
| 1.3.3 | Contact Information: - Phone Number | 405-671-2871 |
| 1.3.4 | Contact Information: - E-Mail Address | dcwater@cityofdelcity.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 4605 se 44th |
| 1.3.6 | Contact Information: - Mailing Address (City) | del city |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73115 |
| 1.3.11 | Contact Information: - County | oklahoma |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 6.66 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 22128 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 22578 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 23030 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 23495 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 24453 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 8338 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8451 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 8680 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 8916 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 9663 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.208 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.822 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.872 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.936 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3.118 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.605 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 805.805 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | city of del city |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Central Oklahoma Master Conservancy District |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 533.9 (COMCD's 2007 WUR/tgs) |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 16550 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 11 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 39 |

| | | |
|--------|--|---|
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.836 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 305.37 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.0566 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | thunderbird (COMCD) |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3068 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 52.3 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.371 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.709 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 500.435 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1967 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | clearwells upgraded |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | security around plant |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New lines from lake |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 43 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 84 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0.5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|------------------------|
| 1.1.1 | Provider Name | CITY OF HOLDENVILLE |
| 1.2.1 | PWSID Number | OK1020803 |
| 1.2.2 | PWSID Number | 1020803 |
| 1.3.1 | Contact Information: - Name | LORRIE BRITAIN |
| 1.3.2 | Contact Information: - Title | CITY CLERK |
| 1.3.3 | Contact Information: - Phone Number | 405-379-3397 |
| 1.3.4 | Contact Information: - E-Mail Address | redbritt@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 798 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Holdenville, Ok 74848 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Norman |
| 1.2.1 | PWSID Number | OK1020801 |
| 1.2.2 | PWSID Number | 1020801 |
| 1.3.1 | Contact Information: - Name | Ken Komiske |
| 1.3.2 | Contact Information: - Title | Utilities Director |
| 1.3.3 | Contact Information: - Phone Number | (405) 366-5443 |
| 1.3.4 | Contact Information: - E-Mail Address | ken.komiske@normanok.gov |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 370 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Norman |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73070 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 West Gray |
| 1.3.9 | Contact Information: - Physical Address (City) | Norman |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73069 |
| 1.3.11 | Contact Information: - County | Cleveland |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 88000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 93000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 107000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 120000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 160000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 33101 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 36000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 41000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 46000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 61000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 12 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 17 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 21 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 25 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 39 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 22.33 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 4350.169 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.2 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Conservation Plan |
| 3.7.3 | Method used to project annual average daily water demands (check all that apply) | Previously completed Drought Management Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 69 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 3 |

| | | |
|---------|--|--|
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 13 |
| 3.10.1 | Source of estimated percentages | Accounting AS400 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | University of Oklahoma |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Turtle Creek Mobile Home Park |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Central State Hospital |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Sooner Mobile Home Park |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 260.78 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 22.44 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 21.46 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6.9 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma City Water Trust |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Central Oklahoma Master Conservancy District (tgs) |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.5 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 105.748 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 3567.6 |
| 5.1.1 | Total number of groundwater permits issued to provider | 17 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 32987.6 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 17 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 22 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.309 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 814.401 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 3 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 16 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.302 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 15.457 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0.077 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Thunderbird |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 9460.8 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 120 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 14 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 14 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 9.29 |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 37.912 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0.494 |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | Golf Course |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | No charge |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Edmond |
| 1.2.1 | PWSID Number | OK1020723 |
| 1.2.2 | PWSID Number | 1020723 |
| 1.3.1 | Contact Information: - Name | Fred L. Rice |
| 1.3.2 | Contact Information: - Title | Water Resources Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 405.216.7696 |
| 1.3.4 | Contact Information: - E-Mail Address | Fred.Rice@edmondok.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2004 Old Timbers Drive |
| 1.3.6 | Contact Information: - Mailing Address (City) | Edmond |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73034 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2004 Old Timbers Drive |
| 1.3.9 | Contact Information: - Physical Address (City) | Edmond |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73034 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 76644 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 81180 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 96180 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 111180 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 156180 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 25221 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 27020 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 31740 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 36690 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 51540 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 9.6 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 12.6 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 16.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 19.4 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 28.6 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 19.95 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 3510 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 71 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 18 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | City of Edmond billing records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Apple Village Manufactured Home Community |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Lamplighter Mobile Home Park |

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| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Oakridge Mobile Home Park |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Oklahoma Christian University |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | UNI-City Mobile Home Park |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 14.2 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.6 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 15 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 5.5 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4.11 |
| 5.1.1 | Total number of groundwater permits issued to provider | 12 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 20318 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 58 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 25.1 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.1 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 1958.75 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 29.6 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Arcadia Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 12500 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 45.7 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 12 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 12 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.25 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 10.06 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1551 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1986 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.10 | Type of treatment plant | WTP 1 - Ozonation, lime softening, recarbonation, multi-media filtration, granular activated carbon filtration, and disinfection via free chlorine |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | N/A |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Arcadia Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 109740 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 12320 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 7524 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | N/A |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 140 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 304 |

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| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 24.4 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.59 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.83 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 9.37 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6.12 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 32.12 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 27.75 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 26 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 21 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 1 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 12 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | A good deal of our system is relatively new and it is well maintained. |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1. 33rd Street storage and pumping facility booster pump upgrade; 2. Ongoing well rehabilitations; 3. Tower altitude valve upgrades at two water towers; and 4. Water meter replacement program - 5% of existing units changed out per year. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | I was forced to round off some numbers to fit them into the survey. In particular it should be noted that Edmond does not have records of water pipe older than 70 years. I used the figure in that slot to represent the percentage of our pipe that we can not determine the age of from existing records. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Muskogee Co. RWD #3 |
| 1.2.1 | PWSID Number | 1020710 |
| 1.2.2 | PWSID Number | 1020710 |
| 1.3.1 | Contact Information: - Name | Everett Staton |
| 1.3.2 | Contact Information: - Title | Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.474.3773 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 173 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Council Hill |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74428 |
| 1.3.8 | Contact Information: - Physical Address (Street) | S. Bdwy |
| 1.3.9 | Contact Information: - Physical Address (City) | Council Hill |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74428 |
| 1.3.11 | Contact Information: - County | Muskogee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3200 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3250 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 350 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 360 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 450 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 49315000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 43 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 55 |
| 3.10.1 | Source of estimated percentages | RUS Billing System |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | McIntosh RWD #4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 215888000 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eufaula |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 28674800 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 20640200 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 100 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1989 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |

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| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Eufaula |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 100 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Okmulgee |
| 1.2.1 | PWSID Number | 1020708 |
| 1.2.2 | PWSID Number | 1020708 |
| 1.3.1 | Contact Information: - Name | Bob Baxter |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | (918) 758-1101 |
| 1.3.4 | Contact Information: - E-Mail Address | cmgr@okmcity.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 250 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Okmulgee |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74447 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 East Fourth Street |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74447 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 14 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 13022 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 13412 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 13477 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 14150 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 15300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5615 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5684 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5968 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6266 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6770 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 4.4 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 4.6 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.8 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 5.2 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 5.5 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1559 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 87 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.10.1 | Source of estimated percentages | UB Billing Register |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #6 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #20 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #7 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #4 |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #2 |

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| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 164 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 68.8 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 63.7 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 50.4 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 49.6 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Okmulgee |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Dripping Springs |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 4434 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 7800 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 43.34 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 43.34 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 7.6 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 7.6 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.8 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 5.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1559 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1972 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2004 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Sludge Management |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | Filter Discharge Permit |
| 6.12.3 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 3 | Filter Baffling |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Okmulgee |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Dripping Springs |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 14170 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 16200 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 14170 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 16200 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Raw Water Line Rehab |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 60 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

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| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 5.9 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 5 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 15 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 65 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | N/A |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | N/A |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | City of Beggs, Beggs Public Works Authority |
| 1.2.1 | PWSID Number | OK1020707 |
| 1.2.2 | PWSID Number | 1020707 |
| 1.3.1 | Contact Information: - Name | Karla Gaskins |
| 1.3.2 | Contact Information: - Title | City Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918-267-4935 |
| 1.3.4 | Contact Information: - E-Mail Address | kgaskin@beggstelco.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 567 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Beggs |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74421-0567 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 108 N. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Beggs |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74421 |
| 1.3.11 | Contact Information: - County | Okmulgee |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Okemah Utility Authority |
| 1.2.1 | PWSID Number | 1020706 |
| 1.2.2 | PWSID Number | 1020706 |
| 1.3.1 | Contact Information: - Name | Lisa Stiles |
| 1.3.2 | Contact Information: - Title | Utility Billing Clerk |
| 1.3.3 | Contact Information: - Phone Number | 918.623.1050 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 502 W. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Okemah |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74859 |
| 1.3.11 | Contact Information: - County | Okfuskee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6050 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6075 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6150 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6225 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1400 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1397 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1415 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1432 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.82 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.819 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.829 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.839 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.246 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 299.1 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 36 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 48 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 15 |
| 3.10.1 | Source of estimated percentages | meter readings |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD 2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD 3 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 105.7 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 42.4 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | Okemah Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1779 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.2 |

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| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.85 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1,246 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 299 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1962 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1984 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.10 | Type of treatment plant | Solids contact clarifier |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Cryptosporidium |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Chemical treatment bldg; clarifier upgrade; scada completion |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Okemah water plant |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.25 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 4 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 26 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|-------------------------------------|
| 1.1.1 | Provider Name | Earl Hall |
| 1.2.1 | PWSID Number | OK1020703 |
| 1.2.2 | PWSID Number | 1020703 |
| 1.3.1 | Contact Information: - Name | Earl Hall |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | (918) 866-2420 |
| 1.3.4 | Contact Information: - E-Mail Address | Hesstonpy10@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 349117 E. 980 Rd. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sparks, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74869 |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 439 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 509 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 591 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 924 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 180 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 188 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 218 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 254 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 396 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.035 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.037 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.042 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.049 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.077 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 11.69 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Calculated 1.5 % growth per year. |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Calculated 1.5 % increase per year. |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 0 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Gallons produced vs gallons billed. |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |

| | | |
|--------|--|---|
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Sparks Lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.15 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.14 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.032 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | .065 MG |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 11.6 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.14 |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Not sure if it will be fully funded or not. We are waiting on a price quote. We have received a grant and are waiting to see if it will cover the project. We are adding a new package treatment plant to go along with the one that we currently have. |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | We need more water storage. A bigger, or another, clear well would help. |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Sparks Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 147 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 48 |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | We are going to seek approval to raise the Sparks Lake level one foot. This would give us an additional 15 AF. |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | We desire, someday, to run a raw water line from the Deep Fork stream/creek to the Sparks Lake. The length of transmission line for this project would be around 2.5 miles. |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | We are hoping that there will be adequate funding as we add the new package treatment plant, to cover a new raw pump station. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | We could use a stand pipe water tower on our booster system side. About 1/2 of the system is supplied by a booster pump and there is currently no tower. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 22 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |

| | | |
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| 6.26.5 | How would you rate the performance of your distribution system? | The advantage of smaller water mains is the lower resident time the water actually remains in the system. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | I feel that we are setting in a good position with our water quality, quantity, and production potential, especially if we can get the new package plant with the grants that have been approved. Also, more finished water storage would be good, such as, another clear well or a tower/stand-pipe. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We are interested, someday, in possibly getting some water rights for using water from the Deep Fork stream/creek as a secondary source to aid in keeping Sparks Lake full. I wouldn't think that we would, in a worst case scenerio, need more than four or five AF per month, from Deep Fork stream. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Pittsburg RWD&S #1 (Longtown |
| 1.2.1 | PWSID Number | 1020623 |
| 1.2.2 | PWSID Number | 1020623 |
| 1.3.1 | Contact Information: - Name | Dennis Sizemore |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.452.3685 |
| 1.3.4 | Contact Information: - E-Mail Address | ltrws@crosstel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt. 1, Box 706 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2nd and Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Eufaula |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74432 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5280 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5880 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6480 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8280 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2008 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 20068 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2668 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3268 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 5068 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.269 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.35 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.4 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.45 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.554 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 98.11 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2.54X#meters=pop (ODEQ calculation) |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 3 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 11 |
| 3.10.1 | Source of estimated percentages | Historic water production data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Castaway Cover Dist. 19 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.0506 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply | 1 |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | Lake Eufaula (WP Bill Wolle Treatment Plant) 1000 |

| | | |
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| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 10 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.269 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.554 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 98.1 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1984 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Just refurbished filters, valves in 2006; piping in 2007 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | New system valves |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 300 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 50 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 9.47E-02 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.473484848 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 12 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 97 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.26.5 | How would you rate the performance of your distribution system? | Replace valves, pipe, pumps when needed |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | PITTSBURG COUNTY RWD #4 |
| 1.2.1 | PWSID Number | OK1020612 |
| 1.2.2 | PWSID Number | 1020612 |
| 1.3.1 | Contact Information: - Name | VIVIAN (TINKER) MOODY |
| 1.3.2 | Contact Information: - Title | GM |
| 1.3.3 | Contact Information: - Phone Number | 918/429-1440 |
| 1.3.4 | Contact Information: - E-Mail Address | THEMANAGEMENTCO@ALLEGIANCE.TV |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 3309 |
| 1.3.6 | Contact Information: - Mailing Address (City) | MCALESTER |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74502 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2397 HWY 270 |
| 1.3.9 | Contact Information: - Physical Address (City) | KREBS |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | OK |
| 1.3.11 | Contact Information: - County | PITTSBURG COUNTY |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10.8 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 90 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 95 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 105 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 110 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 90 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 95 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 105 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 110 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.06 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 65000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 70000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 75000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 80000 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 50000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 600000 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.10.1 | Source of estimated percentages | DATA ON HAND |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 1 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |

| | | |
|--------|--|---|
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | EUFUALA LAKE |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 19670563 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 95 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 50000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 600000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1975 |
| 6.8.10 | Type of treatment plant | SLOW SAND FILTER |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | E COLI |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | APPLICATION HAS BEEN MADE FOR GRANT |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | PLANT UPGRADE AND WATER STORAGE |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | IT WAS UPDATED TWO YEARS AGO |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | THERE WILL ALWAYS BE A CONCERN WITH THE STATE SELLING OUR WATER TO OTHERS. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | PLEASE KEEP IN MIND THAT ALL AREAS ARE GROWING AND WILL CONTINUE TO GROW AND THE WATER WILL ALWAYS BE NEEDED... |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | McAlester Public Works Authority |
| 1.2.1 | PWSID Number | 1020609 |
| 1.2.2 | PWSID Number | 1020609 |
| 1.3.1 | Contact Information: - Name | David R. Medley |
| 1.3.2 | Contact Information: - Title | Utilities Director |
| 1.3.3 | Contact Information: - Phone Number | 918-423-9300 Ext. 4995 |
| 1.3.4 | Contact Information: - E-Mail Address | david.medley@cityofmcalester.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 578 |
| 1.3.6 | Contact Information: - Mailing Address (City) | McAlester |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74502 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 28 E. Washington |
| 1.3.9 | Contact Information: - Physical Address (City) | McAlester |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74501 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 27 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 17783 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 18316 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 20095 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 21873 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 27208 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 6200 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6386 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7006 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7626 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 9486 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.82 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 5.09 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5.32 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 5.53 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 6.19 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/27/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 8.28 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1697 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 11/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 32 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 24 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 14 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 24 |

| | | |
|---------|--|---|
| 3.10.1 | Source of estimated percentages | Water Bill Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pittsburg County Rural Water No. 7 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pittsburg County Rural Water No. 5 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Oklahoma State Penitentiary |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pittsburg County Rural Water No. 6 |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pittsburg County Rural Water No. 16 & No. 9 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 137 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 51 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 51 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 31 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 16 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 4 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake McAlester |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Talawanda #2 |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Lake Talawanda #1 |
| 5.13.4 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 4 | Lake Eufaula |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 16000 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 1500 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 1500 |
| 5.14.4 | Surface water permitted in 2007 for each source (AFY) - Supply 4 | 9000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 95 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 3 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 2 |
| 5.15.4 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 4 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 13.57 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 12 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 5.04 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 9.27 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1697 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1983 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Clarifier upgrades for enhanced coagulation process Rapid sand filter upgrads |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | Clearwell rehab., chlorine feed system replaced, upgrade Lake McAlester & Lake Talawanda Intakes, replace roof of Admin. Building & new scada system installed. |

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|--------|--|--|
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Lake McAlester Intake Improvements Lake Talawanda Intake Improvements Lake Eufaula Intake Improvements |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 157 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 26 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 45 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 7 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 2008 Water and Sewer Improvements funded partially by Community Development Block Grant |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | McAlester Water Treatment Plant Evaluation completed Nov. 8, 2007 by Melburger Brawley, Inc. |

| Question # | Question | Answer |
|------------|---|--|
| 1.1.1 | Provider Name | Krebs |
| 1.2.1 | PWSID Number | 1020606 |
| 1.2.2 | PWSID Number | 1020606 |
| 1.3.1 | Contact Information: - Name | Denny James |
| 1.3.2 | Contact Information: - Title | City Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918-423-6519 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 156 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5 E. Washington |
| 1.3.9 | Contact Information: - Physical Address (City) | Krebs |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74554 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20.7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Most residential meters replaced in 2006-2007. Have not started commercial meters yet. |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2115 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2160 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2210 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 868 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 886 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 906 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 943 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.225 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.229 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.235 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.244 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.27 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 82 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 10 |
| 3.10.1 | Source of estimated percentages | water usage |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of McAlester |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Kreb City Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Eufaula |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 85 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 15 |

| | | |
|--------|--|---|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.27 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.225 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.27 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 63.67 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1961 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1961 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.5 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Currently working with funding agency |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | New water treatment plant |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Krebs City Lake |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 65000 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2500 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 85 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pittsburg County PWA |
| 1.2.1 | PWSID Number | 1020603 |
| 1.2.2 | PWSID Number | 1020603 |
| 1.3.1 | Contact Information: - Name | Jimmy R. Steele |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.334.3536 |
| 1.3.4 | Contact Information: - E-Mail Address | jsteelewater@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box C |
| 1.3.6 | Contact Information: - Mailing Address (City) | Crowder |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74430 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Hwy 69 & Crowder exit |
| 1.3.9 | Contact Information: - Physical Address (City) | Crowder |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74430 |
| 1.3.11 | Contact Information: - County | Pittsburg |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 825 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 830 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 840 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 850 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 860 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 880 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 825 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 830 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 840 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 850 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 860 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 880 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.395 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.398 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 400 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 410 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 420 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.57 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 5/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 30 |
| 3.10.1 | Source of estimated percentages | Billing records / self supplied |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Indianola RWD #18 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Arrowhead State Park |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Narconon Arrowhead |

| | | |
|--------|--|---|
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 46.7655 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 10.607 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12.3933 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eufaula |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 800 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.75 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.75 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.4 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.57 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 126.9065 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1962 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | LT2 Raw Water Sampling Crypto etc. |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | yes |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | yes construction of a floating intake structure / w 75hp 800gpm pumps |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Attach |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 70 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 20 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | yes |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | RWS & SWM DISTRICT #2 MCINTOSH CO. |
| 1.2.1 | PWSID Number | OK1020535 |
| 1.2.2 | PWSID Number | 1020535 |
| 1.3.1 | Contact Information: - Name | ROBIN PATTERSON |
| 1.3.2 | Contact Information: - Title | OFFICE MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 918-473-6509 |
| 1.3.4 | Contact Information: - E-Mail Address | RWD2@WINDSTREAM.NET |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 5000 SOUTH OLD HWY 69 |
| 1.3.6 | Contact Information: - Mailing Address (City) | CHECOTAH |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74426 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 5000 SOUTH OLD HWY 69 |
| 1.3.9 | Contact Information: - Physical Address (City) | CHECOTAH |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74426 |
| 1.3.11 | Contact Information: - County | MCINTOSH |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 952 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 967 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1017 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1067 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1217 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1005 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1023 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1083 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1143 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1293 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.18 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.25 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.3 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.57 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.22 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 63331000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2002 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 40 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 23 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | RECORDS |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |

| | | |
|--------|--|--|
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | LAKE EUFAULA |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.152 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.008 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.174 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.22 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 63331000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1999 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | TOWER MAINT. VALVE REPLACEMENT, PLANT REPAIR |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | LAKE EUFUALA |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 3573731 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 10 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 45.8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 14.8 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 65 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Rural Water District #8 |
| 1.2.1 | PWSID Number | OK1020529 |
| 1.2.2 | PWSID Number | 1020529 |
| 1.3.1 | Contact Information: - Name | Jeff Phillips |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-689-2117 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd8@uslogon.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt 4 Box 7040 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Eufaula |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74432 |
| 1.3.8 | Contact Information: - Physical Address (Street) | Rt 4 Box 7040 |
| 1.3.9 | Contact Information: - Physical Address (City) | Eufaula |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74432 |
| 1.3.11 | Contact Information: - County | McIntosh |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3900 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1534 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1685 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2185 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2685 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4185 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.45 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.55 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.7 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/21/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.43 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 73.571 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 4 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 21 |
| 3.10.1 | Source of estimated percentages | Monthly Meter Readings |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |

| | | |
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| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Terra Starr Park |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.627 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eufaula |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1500 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 430,000 gallons |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 430,000 gallons |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 202,000 gallons |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 428,000 gallons |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 73 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1980 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 400,000 gallons |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | New intake structure. New Clarifiers. More Filters. New Distribution pumping system |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Distribution lines |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | New intake structure. Additional 400,000 gallons per day. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Raw water lines |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 150 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 98 |

| | | |
|--------|---|---|
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 0 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | We have an average of 1 -2 line breaks a week, but overall, our lines maintain constant pressure. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | city of checotah |
| 1.2.1 | PWSID Number | 1020515 |
| 1.2.2 | PWSID Number | 1020515 |
| 1.3.1 | Contact Information: - Name | marvin nichols |
| 1.3.2 | Contact Information: - Title | mayor |
| 1.3.3 | Contact Information: - Phone Number | 918 473 5411 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 414 west gentry |
| 1.3.6 | Contact Information: - Mailing Address (City) | checotah |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74426 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3470 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3620 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3850 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4750 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1440 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1450 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1575 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1650 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 1/22/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.52 million |
| 3.5.1 | Total Water Produced in 2007 (MG) | 300000000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 35 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 52 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 7 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rwd #5 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rwd # 9 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rwd #7 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rwd #3 |

| | | |
|---------|--|--|
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | mcintosh #1,leisure land,sunset heights, |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 60 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 24 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 8 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 48 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.3 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 200000000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1962 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1997 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 3 million |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | no |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | dock repair and moter replacement |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | n/a |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 60 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 14 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 8 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 1 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 90 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.4.4 | Which type(s) of reuse is (are) practiced? | we don't reuse wastewater |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | we are building a new water plant to help with future water needs and water quality. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Dustin Public Works |
| 1.2.1 | PWSID Number | 1020511 |
| 1.2.2 | PWSID Number | 1020511 |
| 1.3.1 | Contact Information: - Name | William Harjo |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | 918-656-3220 |
| 1.3.4 | Contact Information: - E-Mail Address | nrse-rosie@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 390487 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Dustin |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | Oklahoma 74839 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 117 n broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Dustin Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74839 |
| 1.3.11 | Contact Information: - County | Hughes |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 496 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 196 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.05 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2009 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.052 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 18.12 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | old data |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |

| | | |
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| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | na |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | na |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | na |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.05 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.075 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.05 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 18120000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1978 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 0 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | whole facility needs upgraded |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | whole facility |

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| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | whole facility and infrastructure |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 8 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 9.47E-02 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 0 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0 |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | na |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | none |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | we need assistance in improvements to existing water treatment plant |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | CITY OF WEWOKA |
| 1.2.1 | PWSID Number | OK1020510 |
| 1.2.2 | PWSID Number | 1020510 |
| 1.3.1 | Contact Information: - Name | MARK MOSLEY |
| 1.3.2 | Contact Information: - Title | CITY MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 405-257-2413 |
| 1.3.4 | Contact Information: - E-Mail Address | citymanager@cityofwewoka.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. BOX 1497 |
| 1.3.6 | Contact Information: - Mailing Address (City) | WEWOKA |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74884 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 123 S MEKUSUKEY |
| 1.3.9 | Contact Information: - Physical Address (City) | WEWOKA |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74884 |
| 1.3.11 | Contact Information: - County | SEMINOLE |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SEMINOLE CO RURAL WATER DISTRICT #1 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SEMINOLE CO RURAL WATER DISTRICT #2 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SEMINOLE CO RURAL WATER DISTRICT #5 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | HUGHES CO RURAL WATER DISTRICT #5 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | WEWOKA LAKE |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |

| Question # | Question | Answer |
|------------|--|--------------------------------|
| 1.1.1 | Provider Name | CITY OF SHAWNEE |
| 1.2.1 | PWSID Number | 1020504 |
| 1.2.2 | PWSID Number | 1020504 |
| 1.3.1 | Contact Information: - Name | JIM BIERD |
| 1.3.2 | Contact Information: - Title | UTILITY DIRECTOR |
| 1.3.3 | Contact Information: - Phone Number | 405-273-1960 |
| 1.3.4 | Contact Information: - E-Mail Address | jbierd@shawneeok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO BOX 1448 |
| 1.3.6 | Contact Information: - Mailing Address (City) | SHAWNEE |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74802 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 S. KICKAPOO |
| 1.3.9 | Contact Information: - Physical Address (City) | SHAWNEE |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74801 |
| 1.3.11 | Contact Information: - County | POTTAWATOMIE |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 26.6124103 |
| 2.5.12 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Don't know |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 29990 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 30650 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 32760 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 34730 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 10962 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 11181 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 11628 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 12093 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 3.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 3.74 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.98 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.23 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/5/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 6528000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1348875000 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | MARCH 2008 ENGINEERING REPORT |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 45 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 45 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 9 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | UTILITY BILLING-INCODE |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | PCDA |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CITY OF MEEKER |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 68249300 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 36424100 |
| 4.1.1 | Do you utilize water from providers outside your district? | Yes |

| | | |
|--------|--|---|
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | ATOKA WATER LINE |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 261000000 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | SHAWNEE TWIN LAKES |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | WES WATKINS RESERVOIR |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 8.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 8 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 3.695 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 5575000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1348.875 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1980 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2004 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | NO |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | UPDATE PUMP SYSTEM |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | SHAWNEE TWIN LAKE #1 |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | SHAWNEE TWIN LAKE #2 |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | WES WATKINS RESERVOIR |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 21.47 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 9.23 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 14065 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 30668 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | INCREASE PLANT CAPACITY (MORE FILTERS/ANOTHER CLARIFIER)-20MGD. ADDITIONAL CLEAR WELL-1 MG. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Addition of Mechanical Sweep to Presedimentation Basin. High service pumps/controls. Upgrade lab. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 112.42 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 60.21 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 15.47 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | WE HAVE ALOT OF OLDER LINES. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.4.3 | Which type(s) of reuse is (are) practiced? | Industrial |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Sand Springs |
| 1.2.1 | PWSID Number | 1020420 |
| 1.2.2 | PWSID Number | 1020420 |
| 1.3.1 | Contact Information: - Name | Vernon Smith |
| 1.3.2 | Contact Information: - Title | Infrastructure Planner |
| 1.3.3 | Contact Information: - Phone Number | 918-246-2581 |
| 1.3.4 | Contact Information: - E-Mail Address | vdsmith@sandsspringsok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 338 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Sand Springs |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74063 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 109 North Garfield Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Sand Springs |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74063 |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25.41 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 32409 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 34083 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 39663 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 45243 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 61983 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 11667 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 12267 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 14267 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 16267 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 22267 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.671 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 7 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 10 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 7.149 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1706 |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Other |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 59 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 16 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 17 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 7 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |

| | | |
|--------|--|---|
| 3.10.1 | Source of estimated percentages | Customer Service Billing Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tulsa County RWD #1 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tulsa County Water Improvement District 14 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tulsa Metropolitan Utility Authority |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 48 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 31 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.271 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | TMUA (West 41st Street to Charles Page) |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | TMUA (West 50th Street) |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1.4 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 1.4 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Bird Creek (Skiatook Lake) |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Shell Creek Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 7840 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 3330 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 57 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 19 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 13.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 10 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.642 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 7.149 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1.694 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1954 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | NONE |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Bird Creek Skiatook Resivor |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Shell Creek Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 11200 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 3330 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 11200 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 3330 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 11200 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 3330 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Replace one 3.18 MGD 200hp pump with a 15MGD 1250hp pump when needed. |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Replace 5.2 MGD 400hp pump with 15 MGD 1250 hp pump when need. |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |

| | | |
|--------|--|--|
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | See #19 & #20. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None Identified |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 258 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 68 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 38 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 7 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 45 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 1.) Install/Replace 40 of 6 inch water mains with 12 inch (or larger) lines to create and enhance the network/grid of mains serving 150 square mile service area. 2.) Add 5MG of elevated storage tanks. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Ensure that ample water rights are available for Oklahoma communities future growth. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | 2007 was a wet year and not typical of water use patterns. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Creek County RWD #1 |
| 1.2.1 | PWSID Number | OK1020419 |
| 1.2.2 | PWSID Number | 1020419 |
| 1.3.1 | Contact Information: - Name | Gary D. McGuire |
| 1.3.2 | Contact Information: - Title | District Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.247.6465 |
| 1.3.4 | Contact Information: - E-Mail Address | ccrwd@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 406 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Kellyville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74039-0406 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 139 East Buffalo |
| 1.3.9 | Contact Information: - Physical Address (City) | Kellyville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74039 |
| 1.3.11 | Contact Information: - County | Creek |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.7 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5925 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6045 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6455 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6895 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8275 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2096 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2201 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2551 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2901 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3951 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.29 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2.2 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 3 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 7.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2075 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 472.308 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 16 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 66 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 8 |
| 3.10.1 | Source of estimated percentages | Our Long Range Plan |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Creek County RWD #2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Creek County RWD #3 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.58 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.3 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Heyburn Lake Reservoir |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 2000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 90 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.4 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.4 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.29 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.075 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 472308 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1964 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1995 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Heyburn Lake Reservoir |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 5380 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 2000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 1745.9 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 140 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 41 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5.25 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 80 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |

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| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |
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| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | TULSA |
| 1.2.1 | PWSID Number | OK1020418 |
| 1.2.2 | PWSID Number | 1020418 |
| 1.3.1 | Contact Information: - Name | Joan Arthur |
| 1.3.2 | Contact Information: - Title | Sr. Special Projects Engineer |
| 1.3.3 | Contact Information: - Phone Number | 918-596-2412 |
| 1.3.4 | Contact Information: - E-Mail Address | jarthur@cityoftulsa.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2317 S Jackson Ave, Room S300A |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tulsa |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74107 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2317 S Jackson Ave, S300A |
| 1.3.9 | Contact Information: - Physical Address (City) | Tulsa |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | OK |
| 1.3.11 | Contact Information: - County | Tulsa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 384037 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 404756 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 426825 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 445156 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 500000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 145235 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 149592 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 157000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 164000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 184000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 96.9 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 108.4 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 121 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 132 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 160 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/17/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 172.7 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 35379 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 3/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 38 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 16 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 18 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 11 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 4 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 12 |
| 3.10.1 | Source of estimated percentages | Billing Records |

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| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Terra Nitrogen |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Jenks Public Works Authority |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Owasso |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Bixby |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Catoosa, Glenpool, Sand Springs, Sapulpa, Skiatook, Sperry, Sapulpa Rural Water Company, Creek RWD No. 2, Okmulgee RWD No. 6, Osage RWD No 15, Rogers RWD No. 3, Rogers RWD No. 5, Tulsa Water Improvement District No. 3, Wagoner RWD No. 4, Washington RWD No. 3 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.2 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 2352 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1402 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 930 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 723 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1573 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Sapulpa Rural Water Company |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | City of Sand Springs |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 134 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 1 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eucha/Lake Spavinaw |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Oologah |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Lake Hudson |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 180371 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 143707 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 35000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 84 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 40 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 10 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 94 |

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| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 128 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 100 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 120 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 49 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 48 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 96 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 89 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 17893 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 17485 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1922 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1971 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1999 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1990 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.2 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 2 | 30 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Approved 15-CIP provided. |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Spavinaw |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Lake Eucha |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Lake Oologah |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | Lake Hudson |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 30590 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 80000 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 285450 |
| 6.15.4 | Current (2007) total reservoir storage capacity (AF) - Reservoir 4 | 35000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 66098 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 66098 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 143736 |
| 6.16.4 | Current (2007) reservoir firm yield (AFY) - Reservoir 4 | 35000 |
| 6.16.5 | Current (2007) reservoir firm yield (AFY) - Method(s) Used to Estimate Firm Yield: | Drought of Record |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 2000 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 1100 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | 1. Condition Assessment and Rehabilitation of Lake Eucha Dam. 2. Rehabilitation of Lake Yahola. 3. Rehabilitation of Lynn Lane Reservoir. |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Condition Assessment and Flowline Rehabilitation |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 1192 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 767 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 243 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 51 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 30 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 11.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 24 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 30 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |

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| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Warner Utilities Authority |
| 1.2.1 | PWSID Number | 1020409 |
| 1.2.2 | PWSID Number | 1020409 |
| 1.3.1 | Contact Information: - Name | Brian Toney |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 918.463.2696 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 170 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Warner |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74469 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 211 8th Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Warner |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74469 |
| 1.3.11 | Contact Information: - County | Muskogee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1440 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1460 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1510 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1550 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 865 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 876 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 906 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 930 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.193 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.195 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.202 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.207 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 70463000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Eufaula Lake |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Creek County Rural Water District #7 |
| 1.2.1 | PWSID Number | OK1020405 |
| 1.2.2 | PWSID Number | 1020405 |
| 1.3.1 | Contact Information: - Name | Charles Linnet |
| 1.3.2 | Contact Information: - Title | Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 918-827-6575 |
| 1.3.4 | Contact Information: - E-Mail Address | qualityh2o@tds.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 318 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mounds |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74047-0318 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1117 Commercial Avenue |
| 1.3.9 | Contact Information: - Physical Address (City) | Mounds |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74047 |
| 1.3.11 | Contact Information: - County | Creek |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2268 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2400 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2896 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3497 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6149 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 945 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1207 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1457 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2562 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.174601 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.186 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.224502 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.271002 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.476532 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 12/12/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.2981 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 62.8565 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 79 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 6 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | monthly billing percentages |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Creek County Rural Water District #2 |

| | | |
|--------|--|---|
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0.048 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Jackson |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Boren |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 175 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 22 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 3 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.35 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.172209 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.2981 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 62.8565 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1987 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.35 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | New storage tank |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Jackson |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Lake Boren |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 40 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 30 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |

| Question # | Question | Answer |
|------------|---|----------------------------|
| 1.1.1 | Provider Name | CITY OF SAPULPA |
| 1.2.1 | PWSID Number | OK1020404 |
| 1.2.2 | PWSID Number | 1020404 |
| 1.3.1 | Contact Information: - Name | TOM DEARMAN |
| 1.3.2 | Contact Information: - Title | CITY MANAGER |
| 1.3.3 | Contact Information: - Phone Number | 9182243040 |
| 1.3.4 | Contact Information: - E-Mail Address | tdearman@cityofsapulpa.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 425 EAST DEWEY AVE |
| 1.3.6 | Contact Information: - Mailing Address (City) | SAPULPA |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74066 |
| 1.3.11 | Contact Information: - County | CREEK |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Stigler Municipal Improvement Authority |
| 1.2.1 | PWSID Number | 1020303 |
| 1.2.2 | PWSID Number | 1020303 |
| 1.3.1 | Contact Information: - Name | Pete Bass / Sam Gann |
| 1.3.2 | Contact Information: - Title | City Manager / Water Plant Operator |
| 1.3.3 | Contact Information: - Phone Number | 918-967-2164 |
| 1.3.4 | Contact Information: - E-Mail Address | pete_cos@datzfast.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 115 S. Broadway |
| 1.3.6 | Contact Information: - Mailing Address (City) | Stigler |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | OK |
| 1.3.8 | Contact Information: - Physical Address (Street) | 115 S. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Stigler |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74462 |
| 1.3.11 | Contact Information: - County | Haskell |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2892 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2970 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3540 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1241 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1300 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.67 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.85 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.9 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/18/2008 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.864 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 207.7 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 28 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 18 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 32 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 22 |
| 3.10.1 | Source of estimated percentages | Billing / MOR |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Haskell County Water |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| | | |
|--------|--|------------------------------------|
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 67.4 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Stigler City Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake John Wells |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 16862 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.152 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.152 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.57 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.864 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 207.7 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1950 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Stigler City Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Lake John Wells |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 95 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 2 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Porum Public Works Authority |
| 1.2.1 | PWSID Number | 1020302 |
| 1.2.2 | PWSID Number | 1020302 |
| 1.3.1 | Contact Information: - Name | Michael Weathers |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 918-484-5125 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 69 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Porum, Okla |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74455 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 105 South Arkansas |
| 1.3.9 | Contact Information: - Physical Address (City) | Porum, Okla |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74455 |
| 1.3.11 | Contact Information: - County | Muskogee |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Public Works Authority |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Haskell County Water Co. |
| 1.2.1 | PWSID Number | 1020301 |
| 1.2.2 | PWSID Number | 1020301 |
| 1.3.1 | Contact Information: - Name | Joe Harmon |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-799-5575 |
| 1.3.4 | Contact Information: - E-Mail Address | hcwc@crosstel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 188 West Bk 1200 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Stigler |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74462 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 188 West BK 1200 |
| 1.3.9 | Contact Information: - Physical Address (City) | Brooken Community |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74462 |
| 1.3.11 | Contact Information: - County | Haskell |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Non Profit Corp |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5786 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6100 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7300 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 14000 |
| 3.1.6 | What is the total residential population served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2707 - 15000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2630 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2775 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3320 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6375 |
| 3.2.6 | What is the total number of water accounts served? (Do not include wholesale residential customers) - Other (List Year and Estimated Quantity) | 2070 - 6820 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 740000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 779000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 843000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 930000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1788000 |
| 3.3.6 | What is the annual average daily demand (MGD)? - Other (List Year and Estimated Quantity) | 1915000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1200000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 270.076 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 65 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |

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| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 20 |
| 3.10.1 | Source of estimated percentages | Billing History |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Quinton |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Keota |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 33446000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 19329000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Stigler |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 64219000 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eufayla |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake John Wells City of Stigler |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1713 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | Unknown-purchased |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 60 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 740000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.2 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 270 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1969 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1996 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.5 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Eufaula |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Lake John Wells City of Stigler |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | larger pumps |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 310 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 75 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |

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| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 75 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of Roland |
| 1.2.1 | PWSID Number | 1020212 |
| 1.2.2 | PWSID Number | 1020212 |
| 1.3.1 | Contact Information: - Name | KEITH WASSON |
| 1.3.2 | Contact Information: - Title | TOWN ADMINISTRATOR |
| 1.3.3 | Contact Information: - Phone Number | 918-427-6829 EXT 233 |
| 1.3.4 | Contact Information: - E-Mail Address | wassontor@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | POB 49 |
| 1.3.6 | Contact Information: - Mailing Address (City) | ROLAND |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74954 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 801 SOUTH ROLAND ROAD |
| 1.3.9 | Contact Information: - Physical Address (City) | ROLAND |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74954 |
| 1.3.11 | Contact Information: - County | SEQUOYAH |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3100 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 15000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 30000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1077 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1200 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1500 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1700 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.7097328 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 800 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1600 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2400 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4800 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 621.58 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 177433.67 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 27 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 50 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 9 |
| 3.10.1 | Source of estimated percentages | INTERNAL SURVEY |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SEQUOYAH COUNTY WATER ASSOCIATION |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RURAL WATER DISTRICT #7 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

486.1196

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| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) | | |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 84267.9 | | |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes | | |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | SEQUOYAH COUNTY WATER ASSOCIATION | | |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | RURAL WATER DISTRICT #7 | | |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only | | |
| 4.3.3 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Emergency-only | Emergency-only | | |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) | | |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) | | |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 16187.04 | 44.34805 | 575.622 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 | | |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | ROLAND MUNICIPAL LAKE | | |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 920 | | |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 55 | | |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.4 | | |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.75 | | |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.6 | | |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.58755 | | |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 193915 | 177433.7 | 531.274 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1999 | | |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) | | |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic | | |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate | | |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 | | |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 | | |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | NONE | | |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No | | |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | ROLAND MUNICIPAL LAKE | | |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1150 | | |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 920 | | |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 375 | | |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No | | |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | WATER QUALITY IMPROVEMENTS & GROWTH CAPABILITIES | | |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No | | |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | WATER PLANT EXPANSION FROM .7 MGD TO 1.4 MGD | | |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 19 | | |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 6 | | |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 | | |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 | | |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 | | |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 | | |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 | | |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 | | |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 | | |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 | | |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 | | |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 45 | | |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 | | |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 | | |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair | | |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No | | |

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| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | IF THE STATE OR FEDERAL GOVERNMENT MANDATES NEW QUALITY STANDARDS THEN THAT ENTITY SHOULD PROVIDE THE FUNDING FOR THOSE MANDATES |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Sequoyah County Water Association |
| 1.2.1 | PWSID Number | 1020210 |
| 1.2.2 | PWSID Number | 1020210 |
| 1.3.1 | Contact Information: - Name | Garner Garrison |
| 1.3.2 | Contact Information: - Title | President of board of Directors |
| 1.3.3 | Contact Information: - Phone Number | 918-775-9672 |
| 1.3.4 | Contact Information: - E-Mail Address | scwa@diamondnet.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 627 |
| 1.3.6 | Contact Information: - Mailing Address (City) | sallisaw |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74955-0627 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 3520 w. cherokee avenue |
| 1.3.9 | Contact Information: - Physical Address (City) | sallisaw |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74955 |
| 1.3.11 | Contact Information: - County | Sequoyah |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | non-profit corporation |
| 1.5.1 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | Yes |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 14250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 15000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 19500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 24000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 40000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5720 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 8000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 17500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.725 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3.725 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 9.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/14/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.567 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 496.72 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 85 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 8 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 4 |
| 3.10.1 | Source of estimated percentages | metered purchased/treated vs sold |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Vian |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SC Rural Water # 5 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Oklahoma State Parks |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | US Army Corps of Engineers |

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| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 42.692 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 20.097 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 3.75679 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.605 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Van Buren, Arkansas |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Roland, Oklahoma |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 159.1 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 90 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Tenkiller |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 2551 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 6 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 10035 |
| 5.14.4 | Surface water permitted in 2007 for each source (AFY) - Supply 4 | 28 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 58.2 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 100 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 0 |
| 5.15.4 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 4 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2.25 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.5 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.84 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 497 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1971 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2000 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Lt2, UCMR 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 6 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | 2 additional filters |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | distribution lines |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Tenkiller |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, New floating dock and 2 bigger pumps. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Yes, Many miles of larger distribution lines |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 550 |

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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 54 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 16 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 35 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Yes, with funding for a current project which will affect 13 sites in the county. No funding for 2009 Transmission Plans where overview of project is attached. We are working on the funding for this infrastructure improvements at this time. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Funding for water lines to meet the growing demands for potable water and the additional EPA water quality testings |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | We need to do everything we can to preserve our water resources for the future of Oklahoma- people die without water to drink- Funding is desperately needed to keep up with growing demands and conservation needs to be taught to the entire population, some who are very wasteful. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Sallisaw |
| 1.2.1 | PWSID Number | ok1020206 |
| 1.2.2 | PWSID Number | 1020206 |
| 1.3.1 | Contact Information: - Name | paul richards |
| 1.3.2 | Contact Information: - Title | water plant supt. |
| 1.3.3 | Contact Information: - Phone Number | 918-775-4124 |
| 1.3.4 | Contact Information: - E-Mail Address | prichards@diamondnet.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 115 east choctaw |
| 1.3.6 | Contact Information: - Mailing Address (City) | sallisaw |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74955 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 801 w. eppler |
| 1.3.9 | Contact Information: - Physical Address (City) | sallisaw |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74955 |
| 1.3.11 | Contact Information: - County | sequoyah |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 8400 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8920 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 9889 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10880 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 14660 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3416 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3545 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 6500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.4 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 3.7 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 6.7 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.66 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 850 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Engineer survey |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 2/1/2002 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 32 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 18 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 7 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 15 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 16 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 12 |
| 3.10.1 | Source of estimated percentages | City meter records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |

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| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Dist. 3 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Dist. 4 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CD Water System |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 79 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 47 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.7 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Brushy Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 81 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 6 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 2.3 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 3.66 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 900 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2007 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Clear well |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 1 | clear well |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Brushy Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 3000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 3000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 12 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Additional lake, 4700AF |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Additional Lake 4700 AF |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Raw Water Line Raw water pumps & Equip 4.2 MG |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Raw water line Raw water pumps & Equip To deliver additional 4.2 mg. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 34.2 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 36.8 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 9.38 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | During summer high demand cause pressure problems in some areas. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

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| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Stilwell Area Development Authority |
| 1.2.1 | PWSID Number | 1020205 |
| 1.2.2 | PWSID Number | 1020205 |
| 1.3.1 | Contact Information: - Name | Rick Ritter |
| 1.3.2 | Contact Information: - Title | Plants Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-696-5084 |
| 1.3.4 | Contact Information: - E-Mail Address | rick@stilwellutilities.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 1512 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Stilwell |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74960 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 4 East Walnut |
| 1.3.9 | Contact Information: - Physical Address (City) | Stilwell |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74960 |
| 1.3.11 | Contact Information: - County | Adair |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3300 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3300 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3400 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1760 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1765 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1800 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1850 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1900 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.6 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.75 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/24/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.039 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 623.968 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Best estimate |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 15 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 14 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 19 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 51 |
| 3.10.1 | Source of estimated percentages | Billing |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Cherry Tree Rural Water District, Adair County |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Adair County Rural Water District #3 |

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|---------|--|---|
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Adair County Rural Water District #2 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Adair County Rural Water District #4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 107849 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 63892 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 48863 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 26996 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Stilwell City Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Evansville Creek |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Starr Springs |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 4.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.5 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.039 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 623968 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1964 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 35 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 5 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We have planned to improve 1/4 mile of piping each year for the next 5 years. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Latimer Co RWD 4 |
| 1.2.1 | PWSID Number | 1020110 |
| 1.2.2 | PWSID Number | 1020110 |
| 1.3.1 | Contact Information: - Name | Joe Hackworth |
| 1.3.2 | Contact Information: - Title | Board Chairman |
| 1.3.3 | Contact Information: - Phone Number | 918.754.2354 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 206 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Red Oak |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74563 |
| 1.3.11 | Contact Information: - County | Latimer |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 520 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 520 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 520 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 520 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 520 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 220 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 220 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 220 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 220 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 220 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.374 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.374 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.374 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.374 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.374 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.045 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 13 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 88 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 12 |
| 3.10.1 | Source of estimated percentages | Self |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Strip Pit |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 45 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.08 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.08 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.08 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.08 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.035 |

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| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.035 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.045 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 13 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1989 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | LTT 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Strip Pit |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 80 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 40 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 2608 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 110 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 3 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 97 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 18 |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | Residential |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | 25 |
| 7.11.4 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | Commercial |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Spiro |
| 1.2.1 | PWSID Number | 1020106 |
| 1.2.2 | PWSID Number | 1020106 |
| 1.3.1 | Contact Information: - Name | Jack Grant |
| 1.3.2 | Contact Information: - Title | Water Supt |
| 1.3.3 | Contact Information: - Phone Number | 918.962.2121 |
| 1.3.4 | Contact Information: - E-Mail Address | spirowwtp@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 131 South Main St |
| 1.3.6 | Contact Information: - Mailing Address (City) | Spiro, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74959 |
| 1.3.9 | Contact Information: - Physical Address (City) | Spiro |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74959 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11.18 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2247 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2380 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2570 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2740 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 900 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 952 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1028 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1096 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.204794 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.217 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.234 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.25 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/10/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.41 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 74.74961 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Flow Meters |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Holi-Tuska Creek |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.296 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.204 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.41 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 118.274 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1965 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1994 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 329 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

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| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
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| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Poteau Valley Improvement Authority |
| 1.2.1 | PWSID Number | OK1020104 |
| 1.2.2 | PWSID Number | 1020104 |
| 1.3.1 | Contact Information: - Name | Don Goforth |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 918.655.7500 |
| 1.3.4 | Contact Information: - E-Mail Address | pvia2@windstream.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 25768 US Hwy 270 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Wister |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74966-9124 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 25768 US Hwy 270 |
| 1.3.9 | Contact Information: - Physical Address (City) | Wister |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74966-9124 |
| 1.3.11 | Contact Information: - County | LeFlore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | ?-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 38000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 39540 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 43490 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 47850 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 52630 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 5.23 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 5.4 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5.94 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 6.53 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 7.18 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 9.36 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2249370000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 50 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 50 |
| 3.10.1 | Source of estimated percentages | Bills |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #14 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Poteau |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Water Distributors |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RWD #2 |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Spiro East, Howe, RWD Con. #1, Heavener, Wister, Panama, RDW #15, RWD #1, Spiro West, McCurtain, Bokoshe, Cameron |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 380734860 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 379888850 |

| | | |
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| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 267473940 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 145000860 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 736383190 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Wister Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 7683 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 80 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 10 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 10 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 6.16 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 9.36 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 2.249 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1969 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 10 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Better raw water quality |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Wister Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 14000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 14000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 4800 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Better water quality |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | 2nd intake structure |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 100 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 50 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 10 18" pipe |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 1.3 |

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|-----------------|--|---|
| <p>Comments</p> | | <p>Provided Water (Spiro East 140714090, Howe 123559980, RWD Con. #1 90972800, Heavener 71887000, Wister 59383990, Panama 59218000, RDW #15 56948500, RDW #1 55962570, Spiro West 23866900, McCurtain 21444000, Bokoshe 18604660, Cameron 13820700, RWD #14 380734860, City of Poteau 379888850, Water Distributors 267473940, RWD#2 145000860)</p> |
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| Question # | Question | Answer |
|------------|---|----------------------------------|
| 1.1.1 | Provider Name | WILBURTON PUBLIC WORKS AUTHORITY |
| 1.2.1 | PWSID Number | 1020103 |
| 1.2.2 | PWSID Number | 1020103 |
| 1.3.1 | Contact Information: - Name | STEPHEN BRINLEE |
| 1.3.2 | Contact Information: - Title | MAYOR |
| 1.3.3 | Contact Information: - Phone Number | 918-465-5361 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 300 W. MAIN ST. |
| 1.3.6 | Contact Information: - Mailing Address (City) | WILBURTON |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74578 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 300 W MAIN |
| 1.3.9 | Contact Information: - Physical Address (City) | WILBURTON |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74578 |
| 1.3.11 | Contact Information: - County | LATIMER |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | |
| 2.3.1 | | Yes |
| 4.1.2. | Do you utilize water from providers outside you district? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Heavener Utilities Authority |
| 1.2.1 | PWSID Number | OK1020101 |
| 1.2.2 | PWSID Number | 1020101 |
| 1.3.1 | Contact Information: - Name | Michael Kennerson |
| 1.3.2 | Contact Information: - Title | HUA Manager |
| 1.3.3 | Contact Information: - Phone Number | 918-653-2217 |
| 1.3.4 | Contact Information: - E-Mail Address | heavenercm@alltel.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 103 East Avenue B |
| 1.3.6 | Contact Information: - Mailing Address (City) | Heavener |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74937 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 103 East Avenue B |
| 1.3.9 | Contact Information: - Physical Address (City) | Heavener |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74937 |
| 1.3.11 | Contact Information: - County | USA |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3250 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3400 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1196 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1250 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.84 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 851.53 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 11 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 66 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 18 |
| 3.10.1 | Source of estimated percentages | Historical records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Water Distributors Inc. |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Howe RWD #5 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 12.83 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Poteau Valley Improvement Authority (PVIA) |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 57.8 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |

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| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Poteau River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 4426 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 70 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.88 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 2.3 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.95 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 851.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1964 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1988 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | LTTR Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 4.5 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Increased sedimentation of 1.5 MGD |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Raw Water capacity increase |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Currently in construction on new 3 MG tower, new 16" main distribution line, WTP Residual dewatering box, new emergency raw water back up intake, Water main upgrades for fire protection capability |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20.68 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8.18 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 5.46 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2.4 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 3.9 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 18 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 7 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 3.9 mile 16" main addition, 2 mile 6" main addition being accomplished with current construction project |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Snyder Public Works Authority |
| 1.2.1 | PWSID Number | OK1011503 |
| 1.2.2 | PWSID Number | 1011503 |
| 1.3.1 | Contact Information: - Name | Mike Adler |
| 1.3.2 | Contact Information: - Title | Water Plant Superintendent |
| 1.3.3 | Contact Information: - Phone Number | (580) 569-4112 |
| 1.3.4 | Contact Information: - E-Mail Address | cityofsnyder@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 721 E Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Snyder |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73566 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 721 E Street |
| 1.3.9 | Contact Information: - Physical Address (City) | Snyder |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73566 |
| 1.3.11 | Contact Information: - County | Kiowa |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 720 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 720 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 21.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 26.06 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 251.6 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 91 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 7 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 1 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | ACTUAL SALES |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | COMANCHE COUNTY RURAL WATER DISTRICT #4 (CKT) |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | CITY OF MOUNTAIN PARK, OKLAHOMA |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 9.967 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1.0107 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | TOM STEED RESERVOIR |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 860 ACRES |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 90 |

10.95

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Hobart |
| 1.2.1 | PWSID Number | 1011502 |
| 1.2.2 | PWSID Number | 1011502 |
| 1.3.1 | Contact Information: - Name | Joe Tipton |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-726-3123 |
| 1.3.4 | Contact Information: - E-Mail Address | hobartwater@cableone.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | BOX 231 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 111 E. Third |
| 1.3.9 | Contact Information: - Physical Address (City) | Hobart |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73651 |
| 1.3.11 | Contact Information: - County | Kiowa |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3904 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3870 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3870 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3910 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1842 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1825 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1825 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1845 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.793 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 67.6 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 11/1/2002 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 11 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 15 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 22 |
| 3.10.1 | Source of estimated percentages | Past Billing Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Frontier Development Authority |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Butler |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 23 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 10 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Foss Master Conservancy District |

| | | |
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| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 149 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Rocky Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 631 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 66 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.15 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.185 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.495 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 68 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1986 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Rocky Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 3123 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 20 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 8 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 5 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 80 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replacement of old cast iron lines with PVC |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 65 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 1.1 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Altus |
| 1.2.1 | PWSID Number | 1011501 |
| 1.2.2 | PWSID Number | 1011501 |
| 1.3.1 | Contact Information: - Name | Robert Stephenson |
| 1.3.2 | Contact Information: - Title | Director, Public Works |
| 1.3.3 | Contact Information: - Phone Number | 580.481.2250 |
| 1.3.4 | Contact Information: - E-Mail Address | rstephenson@cityofaltus.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 300 E Commerce |
| 1.3.6 | Contact Information: - Mailing Address (City) | Altus |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73521 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 221 E. Bradford |
| 1.3.9 | Contact Information: - Physical Address (City) | Altus |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73521 |
| 1.3.11 | Contact Information: - County | Jackson |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 23 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 21447 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 22500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 24000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 7447 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8100 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 8500 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 4.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/6/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 9.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1574.9 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 44 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 28 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 11 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 14 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.10.1 | Source of estimated percentages | Billing Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Altus Air Force Base |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Jackson Co. Water Co. |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Duke |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Quartz Mountain Regional Water Dist. |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Blair |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |

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| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 145384 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 78202 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 41361 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 24930 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 22780 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Mountain Park Conservancy District |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Altus-Lugert |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 11200 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 4800 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 50.3 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 25 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 15.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 12.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.3 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 9.1 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1572.7 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1977 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 2005 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.6 | Type of treatment plant - WTP 2 | Membrane (MF, UF, RO) |
| 6.8.10 | Type of treatment plant | Currently have one ID and plant with existing conventional and new membrane additon added |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP) - WTP 2 | Replace RO membranes and UF modules |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Tom Steed |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Altus Lugert |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 89000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 133000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 16100 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 1 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 195 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Rebuild electrical control system at one emergency raw water pumping station |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 73 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 29 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 35 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3.7 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0.1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |

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| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 40 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Continued use of CDBG set aside grants for replacement of deteriorated lines. Water reuse study projected next FY. |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 210 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 2.8 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.1 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | Yes |
| 7.5.3 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | 365 |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Represented on the RIM committee and hopeful information will be useful for incorporation or consideration during our City's continued planning. |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | City of Frederick |
| 1.2.1 | PWSID Number | 1011401 |
| 1.2.2 | PWSID Number | 1011401 |
| 1.3.1 | Contact Information: - Name | Henry A. Owens |
| 1.3.2 | Contact Information: - Title | Utility Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 1-580-335-5360 |
| 1.3.4 | Contact Information: - E-Mail Address | fredelec@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 200 W. Grand |
| 1.3.6 | Contact Information: - Mailing Address (City) | Frederick |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73542 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 401 N. 9TH |
| 1.3.9 | Contact Information: - Physical Address (City) | Frederick |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73542 |
| 1.3.11 | Contact Information: - County | Tillman |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.1 | Do you have an adopted Water Conservation Plan? | Yes |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 13.32 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2174 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2.4 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/31/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 41173000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 409.924 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Internet |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/1/2007 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tillman County Water Development Authority |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tipton |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Manitou |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Tillman County Rural Water District #1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 84116 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 14319 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 20467 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 8575 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Frederick Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Tom Steed |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 8198480 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 32793920 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 40 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 60 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |

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| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 11230794 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1517000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 409924000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1974 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Valves, emergency generators, and electric rewiring. |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Metering and flow meters at pump station |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 54 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 21 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 3 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | The system is being improved and new technology is being added to bring it up to date. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Lines to be replaced on 8TH street and 14TH Street also lines to be replaced and moved on Gladstone. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Temoke |
| 1.2.1 | PWSID Number | 1011306 |
| 1.2.2 | PWSID Number | 1011306 |
| 1.3.1 | Contact Information: - Name | Charles J Mayor |
| 1.3.2 | Contact Information: - Title | Superintendent water & sewer |
| 1.3.3 | Contact Information: - Phone Number | 580.342.6648 |
| 1.3.4 | Contact Information: - E-Mail Address | charbevj@pldi.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Rt 1 Box 174 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Temple |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73568 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1 mile west on Hwy 5 & 1/2 mile south |
| 1.3.11 | Contact Information: - County | Cotton |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 11.2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1146 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1140 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1160 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1180 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 547 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 536 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 0.545 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 0.555 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.112 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.109 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.111 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.113 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 11/3/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 242000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 40724727 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/1990 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 87 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 9 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 4 |
| 3.10.1 | Source of estimated percentages | water office |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | none |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Temple City Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Waurika Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 4422231 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 36,302496 gal |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 5 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 95 |

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| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 200 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 500 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 99459 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 242000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 40.724727 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1969 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Additional clarifier so present |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Temple City Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Waurika Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 5000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 287000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 5000 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 48000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 50000 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 48000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Dredging Temple Lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Raw pumps need overhauled |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 30 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 70 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Walters public works authority |
| 1.2.1 | PWSID Number | 1011305 |
| 1.2.2 | PWSID Number | 1011305 |
| 1.3.1 | Contact Information: - Name | John Sheppard |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-875-3337 |
| 1.3.4 | Contact Information: - E-Mail Address | jsheppard@waltersok.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. Box 485 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Walters |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73572 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 129 East Colorado |
| 1.3.9 | Contact Information: - Physical Address (City) | Walters |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73572 |
| 1.3.11 | Contact Information: - County | Cotton |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 42.6 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2735 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3045 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3070 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1199 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1324 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1335 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.17 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.19 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.19 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 108 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 72 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.10.1 | Source of estimated percentages | billing records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Comanche County rwd # 3 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.91 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Waurika Master Conservancy |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 46 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Dae Boyer |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | East Cache Creek |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Waurika Lake |

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| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 861 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 37 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 25 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.295 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 108 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1982 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1993 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | replace media |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake David Boyer |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Waurika |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 861 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 312 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Maintenance of emergency spillway. |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Dredging |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Enlargement of Waurika raw water supply line, |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 29.5 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 12.75 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.15 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 35 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 5.2 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 0.75 |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | no |

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| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | no |
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| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Lawton |
| 1.2.1 | PWSID Number | OK 1011303 |
| 1.2.2 | PWSID Number | 1011303 |
| 1.3.1 | Contact Information: - Name | Rusty Whisenhunt |
| 1.3.2 | Contact Information: - Title | Asst. Director of Water/Wastewater |
| 1.3.3 | Contact Information: - Phone Number | 580-581-3410 |
| 1.3.4 | Contact Information: - E-Mail Address | R.Whsenhunt@cityof.lawton.ok.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 103 S.W. 4th st |
| 1.3.6 | Contact Information: - Mailing Address (City) | Lawton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | Oklahoma, 73501 |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.1 | Do you have an adopted Drought Management Plan? | Yes |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 18 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 96045 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 105000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 105600 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 105900 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 106200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 32015 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 35000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 35200 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 35300 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 35400 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 17357198 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 26295000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 6335375000 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 4/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 37 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 34 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 18 |
| 3.10.1 | Source of estimated percentages | Estimates from Records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Fort Sill |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Comanche RWD # 1, #2 and #3 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Cotton RWD #2 |

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| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pecan Valley Water Authority |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Medicine Park PWA and Geranomo PWA |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 708566000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 121246000 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 62798000 |
| 3.15.5 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 37357000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Comanche RWD #1 |
| 4.2.2 | Name the providers/districts/other from whom you purchase water. - Provider Name 2 | Comanche RWD #2 |
| 4.2.3 | Name the providers/districts/other from whom you purchase water. - Provider Name 3 | Comanche RWD #3 |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.3.4 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 2 - Ongoing | Ongoing |
| 4.3.6 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 3 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.4.4 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 2 - Potable (treated) | Potable (treated) |
| 4.4.7 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 3 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1.05 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 0.011 |
| 4.5.3 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 3 | 3.12 |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Elsworth |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Lawtonka |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Waurika |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 23500 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 23500 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 20 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 55 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 40 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 10 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 40 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 10 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 17357198 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 26295000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 6335.375 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1967 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 2008 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2004 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.4 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - New WTP(s) | 10 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | WTP-2 NEW 10 MGD Plant |

| | | |
|--------|--|--|
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | Backwash sludge discharge 48" waterline, 5 miles |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lawtonka |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Ellsworth |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Waurika |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 63000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 95000 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 120000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 56574 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 95200 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 120000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | none |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 235 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 150 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 129 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 7 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 1 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 6 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 15 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 50 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 15 |
| 6.26.1 | How would you rate the performance of your distribution system? | Excellent |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 7.1.1 | Do you reuse any of your treated wastewater effluent? | Yes |
| 7.2.1 | How much treated wastewater was reused in 2007 (total MG for the year)? | 1000000000 |
| 7.3.1 | Peak day reuse water demand in 2007 (MGD) | 3 |
| 7.4.3 | Which type(s) of reuse is (are) practiced? | Industrial |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.1 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | Yes |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 0.075 |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | 7875 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Waurika Public Works Authority |
| 1.2.1 | PWSID Number | 1011201 |
| 1.2.2 | PWSID Number | 1011201 |
| 1.3.1 | Contact Information: - Name | Lester D. Lehew |
| 1.3.2 | Contact Information: - Title | Waurika Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | work (580)-228-2713, Cell(580)-313-0018 |
| 1.3.4 | Contact Information: - E-Mail Address | L_lehew@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 122 S. Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Waurika |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73573 |
| 1.3.8 | Contact Information: - Physical Address (Street) | same |
| 1.3.9 | Contact Information: - Physical Address (City) | same |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | same |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2310 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2541 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2796 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3074 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 900 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 945 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1039 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1142 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1256 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.65 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.68 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.74 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.81 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.89 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.98 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Jefferson County Rual Water |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Ryan |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Waurika Project Master Conser. |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 80 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.4 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.65 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.98 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 171244000 |

| | | |
|--------|---|---|
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2001 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.8.3 | Type of treatment plant - WTP 1 | Membrane (MF, UF, RO) |
| 6.8.10 | Type of treatment plant | WTP 1 also has a pre-treatment wit a set of sand filters |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.65 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | WAURIKA LAKE |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1454 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 46000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | .080 MGD |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | We plan to build a pond for emergency back up water supply. This supply will only last up to approx. 10 days. The acre-feet is unknown. We are also going to add a well supply to our system that will give us up .50 MGD per day |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | We are wanting to add a Reverse Osmosis Filter to our plant to treat the well water we are wanting to add to our system this will fix our TTHM solution by dilution. |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 22 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 10 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 20 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 75 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | replacing all of the cast iron mains left and also redirecting some customers to draw off another storage tank to get a better circulation. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Please contact Lester if you have any questions regarding my answers or about our future plans |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Healdton |
| 1.2.1 | PWSID Number | OK1011102 |
| 1.2.2 | PWSID Number | 1011102 |
| 1.3.1 | Contact Information: - Name | Brian Scribner |
| 1.3.2 | Contact Information: - Title | Water Supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-229-1283 |
| 1.3.4 | Contact Information: - E-Mail Address | healdtoncity@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 926 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Healdton |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73438 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 310 Franklin |
| 1.3.9 | Contact Information: - Physical Address (City) | Healdton |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73438 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 56 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2868 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2890 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3070 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3150 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3330 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1201 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1220 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1250 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1280 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.364 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.379 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.389 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.402 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.443 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.468 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 132.768 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Engineering Report |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Engineering Report |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 83 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 4 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 2 |
| 3.10.1 | Source of estimated percentages | OWRB use report |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Jefferson County RWD #1 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |

| | | |
|--------|--|---------------------------------------|
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 400 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Healdton Municipal Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 423 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 95 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.6 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.364 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.468 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 132.768 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1979 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Healdton Municipal Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 6994 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 137834550 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 1955.1 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 10 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | We need to replace old leaking lines. |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | City of Comanche |
| 1.2.1 | PWSID Number | OK1011101 |
| 1.2.2 | PWSID Number | 1011101 |
| 1.3.1 | Contact Information: - Name | Brant C. Ball |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-439-8832 |
| 1.3.4 | Contact Information: - E-Mail Address | brantcball@hotmail.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 500 N. Rodeo Drive |
| 1.3.6 | Contact Information: - Mailing Address (City) | Comanche, Oklahoma |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73529 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 500 N. Rodeo Drive |
| 1.3.9 | Contact Information: - Physical Address (City) | Comanche, Oklahoma |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73529 |
| 1.3.11 | Contact Information: - County | Stephens |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Municipal provider and sell to rural water districts also. |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 10 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1700 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1700 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1700 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1700 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 850 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 850 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 850 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 850 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 850 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.85 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.65 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.7 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.75 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.2 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 157 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Waurika Lake Master Conservancy District |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | Data from engineer working on Consent Order |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 35 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 35 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Meter readings |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Stephens County Rural Water District #3 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Jefferson County Rural Water District |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |

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| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Waurika Lake Master Conservancy District |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 157 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Waurika Lake Master Conservancy District |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Comanche Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 157 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | unknown |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 99 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.2 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.2 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 157 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1985 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | THM, TOC, lead/copper, all EPA/DEQ/OWRB requirements as they have been placed upon us and will be required in the future. Please send money to comply. |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.75 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Adjustments due to public school geothermal heating and air conditioning system; compliance with DEQ Consent Order; recent and upcoming dictated compliance by EPA/DEQ/OWRB. Please send money for compliance. |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | new clear well, new distribution piping/valves/etc. for improvement of flow and pressure in vicinity of public school campus as geothermal heating and air conditioning system is modified. |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Waurika Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Comanche Lake |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 240000000 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | There will be other improvements needed. Can not identify them because the EPA/DEQ/ORWB has not YET told us of upcoming mandates. Please send money to comply. |

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| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Another "Yes" category is needed: "Yes, no or only partial funding". Consent Order compliance to remove TTHMs and TOC removal is required. Compliance was funded at the time but the rules have changed and additional funding is needed. Please send money to comply. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Update all equipment: skimmers, filtration, electronics, controls, electrical system, site, buildings, holding ponds, towers, pumps/motors, chlorination equipment/process, testing equipment, conveyance piping/valving/hydrants/pressure increase-decrease-sustaining equipment, public school geothermal system coordination, salaries/benefits for additional employees to allow us to comply with existing and increased mandates. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 19 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 20 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | low pressure due to dead end & small diameter lines; line failures; minimal valving; extremely poor prior construction methods and lack of future planning. |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Lines/valves/hydrants replaced & added; looping of existing and new lines; enlarging lines; towers (2) repair & maintenance. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | 0 |
| 7.11.3 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 2: | 0 |
| 7.11.5 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 3: | 0 |
| 7.11.7 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 4: | 0 |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Not all of the rules of compliance that are written for and with the help of the big cities can be accomplished by the small cities and towns. |

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| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | The multiple choice answers are not, always, a full list of options. Some questions can not be accurately answered froml your list of options. |
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| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Marshall County Water Corporation |
| 1.2.1 | PWSID Number | 1010848 |
| 1.2.2 | PWSID Number | 1010848 |
| 1.3.1 | Contact Information: - Name | Robert Moore |
| 1.3.2 | Contact Information: - Title | Assistant Manger |
| 1.3.3 | Contact Information: - Phone Number | 580-795-3368 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 688 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Madill |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73446 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 400 E. Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Madill |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73446 |
| 1.3.11 | Contact Information: - County | Marshall |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 13875 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 15125 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 20125 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 25000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 34750 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 5400 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5650 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6961 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 8299 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 16000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.249 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.305 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.607 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.917 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 3.696 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 455.918 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 75 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 3 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 20 |
| 3.10.1 | Source of estimated percentages | Billing records |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Oak Ridge |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Texoma Lodge |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Mannsville |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.5 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

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| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 6.053 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 8.515 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.064 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Madill |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.1.1 | Total number of groundwater permits issued to provider | 2 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 294 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Rex Smith |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Oteaka |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Lake Ruel |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.6 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 2.3 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.6 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 2.3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.23 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 1.019 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.596 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 2.225 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 83.931 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 371.987 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1980 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1998 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1980 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1998 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.2 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 2 | 3.2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Upgrade capacity by 3.2 mgd. |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | Rural water supply |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Oteaka |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Lake Ruel |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Lake Rex Smith |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 2099.116159 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 8838.383827 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 14730.63971 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Lake expansion, no funding Raw water transfer, no funding |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Yes, additional lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Yes, Raw water transferr line |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 505 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 102 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 9 |

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| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 6 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 50 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 14 water main improvement. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Southern Oklahoma Water Corp |
| 1.2.1 | PWSID Number | 1010830 |
| 1.2.2 | PWSID Number | 1010830 |
| 1.3.1 | Contact Information: - Name | Charlie Abbe |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-223-8961 |
| 1.3.4 | Contact Information: - E-Mail Address | sowc@cablone.net |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1967 Sam Noble Parkway |
| 1.3.9 | Contact Information: - Physical Address (City) | Ardmore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73401 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 28 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 12000 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 14000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 17000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 23000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3990 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4300 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.1 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.3 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.8 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2.1 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.2 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 98 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Ardmore |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 20 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Ardmore |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 40 |
| 5.1.1 | Total number of groundwater permits issued to provider | 4 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 4 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 10 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0.25 |

| | | |
|--------|--|---|
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 1 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Arbuckle Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Murray |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1120 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 570 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 70 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 40 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.5 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.75 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.64 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.33 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 232 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 119 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2005 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1992 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1992 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.8.4 | Type of treatment plant - WTP 2 | Direct Filtration |
| 6.8.10 | Type of treatment plant | Package Plants |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 580 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 78 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | city of clinton |
| 1.2.1 | PWSID Number | 1010828 |
| 1.2.2 | PWSID Number | 1010828 |
| 1.3.1 | Contact Information: - Name | arnold adams |
| 1.3.2 | Contact Information: - Title | public works director |
| 1.3.3 | Contact Information: - Phone Number | 580-323-0217 |
| 1.3.4 | Contact Information: - E-Mail Address | pwadirector@clintonokla.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o.box 1177 |
| 1.3.6 | Contact Information: - Mailing Address (City) | clinton ok |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73601 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 415 w.gary blvd. |
| 1.3.9 | Contact Information: - Physical Address (City) | clinton ok. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73601 |
| 1.3.11 | Contact Information: - County | custar |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 8900 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 4300 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.659 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 3.1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 655592.3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2007 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 6 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 20 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 2 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 0 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 11 |
| 3.10.1 | Source of estimated percentages | data from our billing dep. |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | city of Arapaho |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4.3 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Foss reservoir master conservancy district |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 254137 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | clinton lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | foss reservoir |

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| Question # | Question | Answer |
|------------|---|--------------------------------------|
| 1.1.1 | Provider Name | Town of Dougherty |
| 1.2.1 | PWSID Number | 1010824 |
| 1.2.2 | PWSID Number | 1010824 |
| 1.3.1 | Contact Information: - Name | Town of Dougherty |
| 1.3.2 | Contact Information: - Title | Monte Billy |
| 1.3.3 | Contact Information: - Phone Number | 580.618.0226 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 24 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Dougherty OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73032 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 604 S Big Canyon Rd |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73032 |
| 1.3.11 | Contact Information: - County | Murray |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 224 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 240 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 270 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 290 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 150 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 161 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 181 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 193 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.039 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.042 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.047 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.05 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 14.2 |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | none |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 100 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 20 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.5 | Is the water potable (treated) or raw (needs treatment)? | Raw (needs treatment) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 1000000 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 14200000 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Rural Water Dist #1 Murray Co |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 14200000 |
| 4.5.2 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 2 | 1000000 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Arbuckle Lake |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 33 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 14200000 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 40000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 14,200,000 MGD |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1938 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1993 |

| | | |
|--------|--|---|
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Filter work New sand & under new bank wash pump. New back wash pump. New static mixer |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | We need new plant |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Arbuckle Lake |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | None |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | None |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 6 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Very old need updated |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 2 grants fed water plant & plan to get more & trying to get new plant quilt the one we are using is out of date & will not meet EPA & DEQ Regulations |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.2 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Explanation (user type, monthly usage category, etc.) | We do not |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Davis |
| 1.2.1 | PWSID Number | OK1010822 |
| 1.2.2 | PWSID Number | 1010822 |
| 1.3.1 | Contact Information: - Name | Bert Curtis Jr. |
| 1.3.2 | Contact Information: - Title | Water Operator |
| 1.3.3 | Contact Information: - Phone Number | (580)369-0981 |
| 1.3.4 | Contact Information: - E-Mail Address | daviswaterplant@att.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 301 east main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Davis |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73030 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2350 east main |
| 1.3.9 | Contact Information: - Physical Address (City) | Davis |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73030 |
| 1.3.11 | Contact Information: - County | Murray |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 25 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 5700 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 6500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7500 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1400 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1800 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2400 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3200 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.965 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1600000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 2000000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2250000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2650000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/4/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.2 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 50 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 25 |
| 3.10.1 | Source of estimated percentages | METERS |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | West Carter Co. |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | West Davis |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.14 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.16 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |

| | | |
|--------|--|---|
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Arbuckle Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Honey Creek |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2.65 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 8.85 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.4 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1968 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 2.65 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Chickasha |
| 1.2.1 | PWSID Number | OK1010821 |
| 1.2.2 | PWSID Number | 1010821 |
| 1.3.1 | Contact Information: - Name | Larry Fuchs |
| 1.3.2 | Contact Information: - Title | Public Works Director |
| 1.3.3 | Contact Information: - Phone Number | 405.222.6085 |
| 1.3.4 | Contact Information: - E-Mail Address | pwdirector@chickasha.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 117 N. 4th Street |
| 1.3.6 | Contact Information: - Mailing Address (City) | Chickasha |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73018 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 502 E. Delaware |
| 1.3.9 | Contact Information: - Physical Address (City) | Chickasha |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73018 |
| 1.3.11 | Contact Information: - County | Grady |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.5 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Conservation billing |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 15800 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 7641 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 2.6 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 6/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 5 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 917 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 46 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 23 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 16 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 14 |
| 3.10.1 | Source of estimated percentages | Billing Department |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Water District 6 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Norge |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 85.5 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 44.8 |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Ft Cobb Reservoir |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 6250 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 72 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 7.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 6 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 2.66 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 5 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 917 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1976 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2004 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |

| | | |
|--------|--|-----------------------------------|
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Ft. Cobb |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 143740 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 180 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 37 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 14 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 6 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 49 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 35 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Low pressures due to line buildup |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Madill |
| 1.2.1 | PWSID Number | OK1010820 |
| 1.2.2 | PWSID Number | 1010820 |
| 1.3.1 | Contact Information: - Name | Ray Gamble |
| 1.3.2 | Contact Information: - Title | Water plant Superintendent |
| 1.3.3 | Contact Information: - Phone Number | 580-795-2361 |
| 1.3.4 | Contact Information: - E-Mail Address | madillwater@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 400 South 12th Ave. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Madill |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73446 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 400 South 12th Ave. |
| 1.3.9 | Contact Information: - Physical Address (City) | Madill |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73446 |
| 1.3.11 | Contact Information: - County | Marshall |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 30 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3410 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3622 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3834 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4046 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4682 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1538 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1600 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1650 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1700 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1850 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.6 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.9 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.1 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.7 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/11/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.2 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 233.9 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 68 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 13 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 1 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 18 |
| 3.10.1 | Source of estimated percentages | OWRB 2007 Annual Report |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Marshall County Water |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Town of Oakland |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| | | |
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| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 22.7 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Marshall county water |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | City Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Carter Lake |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Hauani Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 342 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 600 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 2500 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 53.9 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 50 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 12.1 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.3 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 1.3 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.3 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 1.3 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.551 |
| 6.3.2 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 2 | 0.092 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.008 |
| 6.4.2 | What was your 2007 peak day production (MGD)? - WTP 2 | 0.48 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 201.1 |
| 6.5.2 | Total annual production in 2007 (MG) - WTP 2 | 33.5 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1981 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1952 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 9.4 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15.1 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.75 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 5 |

| | | |
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| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 60 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 20 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.26.5 | How would you rate the performance of your distribution system? | Due to age of the system. |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | New Walmart & Clement Addition Projects = 3,600' of 12" PVC Line & Two New Standpipes 40'x90' = 55,000 Gallons Each. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Tishomingo Municipal Authority |
| 1.2.1 | PWSID Number | 1010815 |
| 1.2.2 | PWSID Number | 1010815 |
| 1.3.1 | Contact Information: - Name | Jack Yates |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-371-2369 |
| 1.3.4 | Contact Information: - E-Mail Address | jack@tishomingo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 202 S Capitol Ave |
| 1.3.6 | Contact Information: - Mailing Address (City) | Tishomingo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73460 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 202 S Capitol Ave |
| 1.3.9 | Contact Information: - Physical Address (City) | Tishomingo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73460 |
| 1.3.11 | Contact Information: - County | Johnston |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 40 |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3120 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3200 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3500 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4060 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1190 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1230 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1330 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1430 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1550 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.305 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.31 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.31 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.31 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.61 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 191 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 7/1/2002 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 5 |
| 3.10.1 | Source of estimated percentages | Personnel |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Pennington Creek |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.7 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.3 |

| | | |
|--------|--|--|
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.61 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 191000000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1978 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1995 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | sedimentation basin, filtration, laboratory, clear well |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Town tank (at treatment plant) |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | 6th street & cheadle street |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Oakhills Addition |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | Industrial Park |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 0.153 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 0.306 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 0.306 |
| 6.15.4 | Current (2007) total reservoir storage capacity (AF) - Reservoir 4 | 1.04 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Rehabilitation, cleaning - no increase in storage capacity |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | no |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | New pumps, building improvements, replacement of old water mains throughout city. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Replacement of many miles of water lines |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | very old lines, little maintenance |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | water transmission lines, hydrants, pumps |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Require strict application, recording, metering, compliance and penalty requirements for all wells - public, industrial, private, mining |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Expedite the planning process to have a plan as a defense/basis for use of water resource within the state. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Ardmore Water Treatment Plant |
| 1.2.1 | PWSID Number | OK1010814 |
| 1.2.2 | PWSID Number | 1010814 |
| 1.3.1 | Contact Information: - Name | Shawn Geurin |
| 1.3.2 | Contact Information: - Title | Public Utilities Director |
| 1.3.3 | Contact Information: - Phone Number | 580-221-5402 |
| 1.3.4 | Contact Information: - E-Mail Address | sgeurin@ardmorecity.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 317 East Veterans Blvd |
| 1.3.6 | Contact Information: - Mailing Address (City) | Ardmore |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73402 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 317 East Highway 142 |
| 1.3.9 | Contact Information: - Physical Address (City) | Ardmore |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73401 |
| 1.3.11 | Contact Information: - County | Carter |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 1.2 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 24658 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 25029 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 26281 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 27594 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 31734 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 9546 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 9689 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10174 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10682 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 12284 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 7.5 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 9.5 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 14.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 19.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 34.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 9/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 12.82 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 2471.95 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 9/1/2004 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 31 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 26 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 43 |
| 3.10.1 | Source of estimated percentages | Historical data |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | SOWC |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | City of Lone Grove |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.3 | Is the water potable (treated) or raw (needs treatment)? | Some of each |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 35.5 |

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|--------|--|---|
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.9 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | SOWC |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 29.74 |
| 5.1.1 | Total number of groundwater permits issued to provider | 1 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 890 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 1 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 22 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 20 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 7 |
| 5.12.1 | How many surface water supplies do you utilize? | 5 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Arbuckle Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Mountain Lake/City Lake |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Lake Jean Neustadt |
| 5.13.4 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 4 | Lake Scott King |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 13834 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 2668 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 1267 |
| 5.14.4 | Surface water permitted in 2007 for each source (AFY) - Supply 4 | 1267 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 69 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 114 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 98 |
| 5.15.4 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 4 | 60 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 28 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 16.5 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 7.5 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 12.8 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 2471.956 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1980 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Arbuckle Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | Mountain Lake/City Lake |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | Lake Jean Neustadt |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | Lake Scott King |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 62600 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 6950 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 4542 |
| 6.15.4 | Current (2007) total reservoir storage capacity (AF) - Reservoir 4 | 2573 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 13834 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 3360 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 2150 |
| 6.16.4 | Current (2007) reservoir firm yield (AFY) - Reservoir 4 | 1220 |
| 6.16.5 | Current (2007) reservoir firm yield (AFY) - Method(s) Used to Estimate Firm Yield: | developed by consultants |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Additional back-up water supply when the main transmission line is down for repairs. |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Replacement of a section of raw water transmission line that crosses the Washita River. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 260 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 112 |

| | | |
|--------|---|---------------------------------|
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 28 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 62 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 11 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | 16" water main replacement |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | CITYOF WYNNEWOOD |
| 1.2.1 | PWSID Number | 1010812 |
| 1.2.2 | PWSID Number | 1010812 |
| 1.3.1 | Contact Information: - Name | MIKE PERRY |
| 1.3.2 | Contact Information: - Title | MAYOR |
| 1.3.3 | Contact Information: - Phone Number | 405-665-2307 |
| 1.3.4 | Contact Information: - E-Mail Address | wwclerk@brightok.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 207 W ROBERT S. KERR BLVD |
| 1.3.6 | Contact Information: - Mailing Address (City) | WYNNEWOOD |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73098 |
| 1.3.8 | Contact Information: - Physical Address (Street) | SAME |
| 1.3.9 | Contact Information: - Physical Address (City) | SAME |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | SAME |
| 1.3.11 | Contact Information: - County | GARVIN |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2367 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2390 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2450 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1051 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1075 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1100 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.426 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/20/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.826 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 157 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 62 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 8 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 20 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | WYNNEWOOD CITY UTILITIES AUTHORITY RECORDS |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | RURAL WATER DISTRICT #6 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 37153140 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | ARBUCKLE MASTER CONSERVANCY DISTRICT |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 156660000 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | N/A |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.936 |

| | | |
|--------|--|--|
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.43 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.826 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 156660000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1966 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | CHLORINE ROOM UPGRADE/FILTER REPLACEMENT |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 19 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2.5 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.25 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 90 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | city of duncan |
| 1.2.1 | PWSID Number | 1010809 |
| 1.2.2 | PWSID Number | 1010809 |
| 1.3.1 | Contact Information: - Name | r. scott vaughn |
| 1.3.2 | Contact Information: - Title | public works director |
| 1.3.3 | Contact Information: - Phone Number | 580-470-2095 |
| 1.3.4 | Contact Information: - E-Mail Address | scott@cityofduncan.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | p.o. box 969 |
| 1.3.6 | Contact Information: - Mailing Address (City) | duncan |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73534 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 720 w. willow |
| 1.3.9 | Contact Information: - Physical Address (City) | duncan |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73533 |
| 1.3.11 | Contact Information: - County | stephens |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 15 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 22500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 22360 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 22620 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 22830 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 23330 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 10158 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 10095 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10212 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10307 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 10534 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 4.462 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 4.119 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 4.291 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 4.462 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 4.977 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/16/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 7.378 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1628.595 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 2/1/2008 |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | stephens co. rwd # 5 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | jefferson co. rwd # 1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 113.6502 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 25.6446 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | waurika lake master conservancy district |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.2 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Raw (needs treatment) | Raw (needs treatment) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1.628595 |

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| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | waurika lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | lake humphreys |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | lake fuqua |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 44800 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 1058 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 2182 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 10 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 0 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 14 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 14 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.462 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 7.378 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1.628595 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1946 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | waurika lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | lake humphreys |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | lake fuqua |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 325681 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 30300 |
| 6.15.3 | Current (2007) total reservoir storage capacity (AF) - Reservoir 3 | 40000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 9334.2 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 2442.1 |
| 6.16.3 | Current (2007) reservoir firm yield (AFY) - Reservoir 3 | 2654.9 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 3041.4 |
| 6.17.2 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 2 | 8778.4 |
| 6.17.3 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 3 | 5735 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | minor structural rehabilitation |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | new raw water conveyance from lake fuqua |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 90 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 10 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 40 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 4 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |

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| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 30 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | generally adequate storage, adequate operation, chronic leaks and aging system |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | approximately 500,000 per year water line replacement |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | continue srf provide \$ for line repairs change use it or lose it water rights for municipalities |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Pauls Valley Municipal Authority |
| 1.2.1 | PWSID Number | 1010808 |
| 1.2.2 | PWSID Number | 1010808 |
| 1.3.1 | Contact Information: - Name | James Frizell |
| 1.3.2 | Contact Information: - Title | City manager |
| 1.3.3 | Contact Information: - Phone Number | (405) 238-3308 |
| 1.3.4 | Contact Information: - E-Mail Address | james_frizell@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | Box 778 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Pauls Valley |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73075 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 100 W Paul |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6150 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6200 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2736 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2750 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.3 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 2 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 2.035 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 472781060 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 70 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 25 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.10.1 | Source of estimated percentages | in house |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Garvin County Rural Water Dist. #4 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Elmore City Rural Water Dist. |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 43 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 44 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | R. C. Longmire Lake |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Pauls Valley City Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3 million |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 1.5 million |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 50 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |

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| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.3 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 2.035 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 472.78106 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1945 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1982 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 3 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | A new membrane water filtration plant is under construction and will be completed by 11-09 |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Pauls Valley City Lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | R. C. Longmire Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 1933 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 3361 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 1000000 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 3000000 |
| 6.16.5 | Current (2007) reservoir firm yield (AFY) - Method(s) Used to Estimate Firm Yield: | nrcs method |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0.3 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | 2 new pumps are being installed at the Pauls Valley City Lake |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 50 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Yes, at present I don't believe we have the capacity to serve future generations |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Headrick Utility Trust |
| 1.2.1 | PWSID Number | OK3003302 |
| 1.2.2 | PWSID Number | 3003302 |
| 1.3.1 | Contact Information: - Name | Danny Fort |
| 1.3.2 | Contact Information: - Title | Mayor |
| 1.3.3 | Contact Information: - Phone Number | 405.207.3010 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | PO Box 536 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Maysville |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73057 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 510 Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Maysville |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73057 |
| 1.3.11 | Contact Information: - County | Garvin |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | M/OWRB |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1320 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1330 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1360 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1380 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 617 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 625 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 639 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 649 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.16457 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.166875 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.170613 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.173283 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 60.071 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Maysville Lake |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.164578 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.3 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 60.071 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1972 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2008 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Another clarifier and set of filter & new pumps |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Maysville Lake |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |

| | | |
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| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Floating Intake and Booster pump |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 2 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 8 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 90 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | very old lines many are to small new water line or stop river from washing away land by water line |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Iowa Tribe of Oklahoma |
| 1.2.1 | PWSID Number | 64020001 |
| 1.2.2 | PWSID Number | 4020001 |
| 1.3.1 | Contact Information: - Name | Ron Osburn |
| 1.3.2 | Contact Information: - Title | Tribal Water System Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-547-5433 |
| 1.3.4 | Contact Information: - E-Mail Address | rosburn@iowanation.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | R.R. 1 Box 721 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Perkins, OK |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74059 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 501 E Highway 33 |
| 1.3.9 | Contact Information: - Physical Address (City) | Perkins, OK |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74059 |
| 1.3.11 | Contact Information: - County | Lincoln |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | Tribal Water System |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 120 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 120 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 120 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 120 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 120 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 14 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 14 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 16 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1/20/1900 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 30 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 7 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 7 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 8 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 10 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 15 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1.5 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 10/1/2006 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 90 |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 2 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 10 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0.05904 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 1.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.015 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 4.11 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1500000 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2000 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.1 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Arsenic |

| | | |
|--------|---|--|
| 6.9.2 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Nitrate |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | Well house to enclose chlorination system and well head |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Standpipe renovation - cleaning, disinfection, painting |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 0.058 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Well house to enclose chlorination system and well head |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Yes, no financing in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | The selling of our state's water supply to other states. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | Town of cheyenne |
| 1.2.1 | PWSID Number | 1010803 |
| 1.2.2 | PWSID Number | 1010803 |
| 1.3.1 | Contact Information: - Name | gary leonard |
| 1.3.2 | Contact Information: - Title | water supt. |
| 1.3.3 | Contact Information: - Phone Number | 580-497-2455 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 317 |
| 1.3.6 | Contact Information: - Mailing Address (City) | w. broadway |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | p.o. box 10 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 73628 |
| 1.3.11 | Contact Information: - County | Roger Mills |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 22 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 778 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 780 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 800 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 810 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 830 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 491 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 520 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 530 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 550 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.145 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.1475 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.1534 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.15635 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.16225 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/9/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.296 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 53.218 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 71 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 17 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 10 |
| 3.10.1 | Source of estimated percentages | number of each account divided total accounts |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Hamm & Phillips oil co. |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | school |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | hospital |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | cafe |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |

| | | |
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| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | SCS site #44 sergeant major |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 316 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 65 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.36 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.504 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.145 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.296 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 53.2 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1960 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1995 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.4 | Are the planned WTP infrastructure improvements funded? | No |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 27 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 6 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 40 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 14 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | In 1995 the Town added several blocks of 6" to 12" waterlines to improve fire protection. In 2002 more lines were added and hooked up to some residence. In the future, the town would like to hook up all residents to these new systems. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.8.1 | Do you charge users of treated effluent for the water? | Yes |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |

| Question # | Question | Answer |
|------------|--|--|
| 1.1.1 | Provider Name | Bryan Co. Rural Water, Sewer & Solid Waste Management Dist. #2 |
| 1.2.1 | PWSID Number | 1010604 |
| 1.2.2 | PWSID Number | 1010604 |
| 1.3.1 | Contact Information: - Name | Regina Clinton |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-924-8517 |
| 1.3.4 | Contact Information: - E-Mail Address | rwd2@totalnet.us |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. Box 119 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Mead |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73449 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 9077 US Hwy 70 |
| 1.3.9 | Contact Information: - Physical Address (City) | Mead |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73449 |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 7518 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 8268 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 10768 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 13268 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 20768 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3007 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3307 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4307 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 5307 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 8307 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.6135 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.761063 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.9912 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.221337 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.991748 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/26/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.5 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 223.9282 |
| 3.6.1 | Source/Method of Population Projections (mark the method used) | State Department of Commerce Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/8/2009 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 55 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Billing Register/Usage Reports |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Bryan Co. Rural Water Dist. #5 |
| 3.13.1 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| | | |
|--------|--|--|
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Durant |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 23.8092 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Blue River |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Eagle Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1560 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 300 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 36 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 100 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.5 |
| 6.1.2 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 2 | 0.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.5 |
| 6.2.2 | What is the maximum treatment rate of your facility (MGD)? - WTP 2 | 0.7 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 613500 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1498000 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 223928200 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1986 |
| 6.6.2 | What year was your water treatment plant(s) originally built? - WTP 2 | 1999 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2006 |
| 6.7.2 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 2 | 1999 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.8.5 | Type of treatment plant - WTP 2 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Eagle Lake |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 300 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 3600 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 1.17306 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | Need an add'l water source or reservoir |
| 6.20.2 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | upgrading pumps in river intake. This should give us an add'l .288 MGD |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | More line upgrades |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 365 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 35 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 100 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 3 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 60 |

| | | |
|--------|---|---|
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 80 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 10 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | We are adding a 12" pump line to the Silo Pump Station; we are upgrading a 3" line to a 6" and adding a pump station on Hwy 78 to increase pressure to Silo; we are letting bids now to clean up all of our water towers. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Durant |
| 1.2.1 | PWSID Number | 1010601 |
| 1.2.2 | PWSID Number | 1010601 |
| 1.3.1 | Contact Information: - Name | Steve Gray |
| 1.3.2 | Contact Information: - Title | Water Supervisor |
| 1.3.3 | Contact Information: - Phone Number | 580-924-1487 |
| 1.3.4 | Contact Information: - E-Mail Address | wp@durant.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 844 Caddo HWY. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Caddo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74729 |
| 1.3.11 | Contact Information: - County | Bryan |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 15545 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 16322 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 17322 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 20000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 30000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 6737 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 7000 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 8000 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 10000 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 12000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 3.8 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 4.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 6.2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1/10/1900 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 4.6 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 1260 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.1 | Method used to project annual average daily water demands (check all that apply) | Previously completed Water Supply Plan |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 60 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 15 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 10 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 10 |
| 3.10.1 | Source of estimated percentages | Previously completed Water Supply Plan |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Water Dist. 2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Rural Water Dist. 5 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 201.34027 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 21.3774 |

| | | |
|--------|--|------------------------------------|
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 3 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Blue River |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Lake Durant |
| 5.13.3 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 3 | Blue River (On Site) |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 6000 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 4500 |
| 5.14.3 | Surface water permitted in 2007 for each source (AFY) - Supply 3 | 1842 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 60 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 10 |
| 5.15.3 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 3 | 30 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 10 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 10 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 3.8 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 4.6 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 1260 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1922 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Change out 2 filters |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Durant |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 4000 |
| 6.17.1 | Current 2007 raw water storage capacity (MG) - Storage Facility Capacity 1 | 1300 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |
| 7.11.1 | How much do you charge for reuse water (\$ per 1,000 gallons)? - Rate 1: | N/A |

| Question # | Question | Answer |
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| 1.1.1 | Provider Name | Atoka RWD #4 |
| 1.2.1 | PWSID Number | 1010412 |
| 1.2.2 | PWSID Number | 1010412 |
| 1.3.1 | Contact Information: - Name | John Fisher |
| 1.3.2 | Contact Information: - Title | Field Manager |
| 1.3.3 | Contact Information: - Phone Number | 580/889/5715 |
| 1.3.4 | Contact Information: - E-Mail Address | ranchfisher@yahoo.com |
| 1.3.8 | Contact Information: - Physical Address (Street) | 337 E. Hwy 3 |
| 1.3.9 | Contact Information: - Physical Address (City) | Atoka |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74525 |
| 1.3.11 | Contact Information: - County | Atoka |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 3500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4000 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 5000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 6000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2000 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2600 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2750 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2855 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.6 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.5 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 2 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 2.5 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 1 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 225 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 53 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 1 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 1 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 10 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 25 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | Self provided estimates |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Stringtown PWA |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Choctaw RWD #6 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| | | |
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| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 31 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 24 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | McGee Creek Lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.6 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 225 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1992 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2004 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | TOC |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.5 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Clair cone; lagoon b/w; electrical |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 355 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 155 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 20 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 25 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 50 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Line extension and loops |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Yes. Will there be enough for our future? |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Has the sale of our water to other states been stopped for good? |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | coalgate public works authority |
| 1.2.1 | PWSID Number | 1010402 |
| 1.2.2 | PWSID Number | 1010402 |
| 1.3.1 | Contact Information: - Name | roger cosper |
| 1.3.2 | Contact Information: - Title | city manager |
| 1.3.3 | Contact Information: - Phone Number | 580-927-3915 |
| 1.3.4 | Contact Information: - E-Mail Address | roger_cosper@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 3 south main st. |
| 1.3.6 | Contact Information: - Mailing Address (City) | coalgate |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74538 |
| 1.3.11 | Contact Information: - County | Coal |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2088 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2297 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2526 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2779 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3057 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 11545 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 12700 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 13969 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 15366 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 16903 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.504 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 191.635 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2001 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 33 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 13 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 48 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 3 |
| 3.10.1 | Source of estimated percentages | monthly billing |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | clarita/olney |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | centrahoma |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | rural dist # 5 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | phillips |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| | | |
|---------|--|--|
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 35.887 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 21.91 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 15.036 |
| 3.15.4 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 4.799 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | coalgate lake |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.5 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.504 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.85 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 192 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1963 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2005 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | coalgate lake |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | mcgee lake |
| 6.18.1 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and they are fully funded |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | 1. Raw water line to Okc. Aquaduct. 2. Raising level of water of Coalgate Lake |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 12 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 25 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 25 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 20 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | Older line breakage |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Painting Water Tower |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| | | |
|--------|---|---------------------------------|
| 7.10.3 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | N/A - don't charge anyone |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Keeping our water in the state. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | atokapws |
| 1.2.1 | PWSID Number | ok1010401 |
| 1.2.2 | PWSID Number | 1010401 |
| 1.3.1 | Contact Information: - Name | stephen k. smith |
| 1.3.2 | Contact Information: - Title | director of public wks. |
| 1.3.3 | Contact Information: - Phone Number | 580-889-2675 |
| 1.3.4 | Contact Information: - E-Mail Address | atokapwd2675@yahoo.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | po box 900 |
| 1.3.6 | Contact Information: - Mailing Address (City) | atoka |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74525 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 315 east a st |
| 1.3.9 | Contact Information: - Physical Address (City) | atoka |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74525 |
| 1.3.11 | Contact Information: - County | atoka |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 36.13 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2950 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3340 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3750 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4160 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1450 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2/8/1904 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1650 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1800 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1/0/1900 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.581 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.653 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.724 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 0.9 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/23/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.175 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 269.83 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | engineers water hydraulic report |
| 3.7.7 | Method used to project annual average daily water demands (check all that apply) | engineers water hydraulic analysis |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 1/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 28 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 18 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 0 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 3 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 15 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 36 |
| 3.10.1 | Source of estimated percentages | billing register/ water plant process consumption/ estimate |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |

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| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | atoka county r.w.d. # 2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | atoka county r.w.d. # 4 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 42.048 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | atoka county r.w.d. # 4 |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | atoka resevoir |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | mcGee creek resevoir |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 2000 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 6000 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 41 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 0 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 3.02 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 3.02 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.739 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.175 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 269.8 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1971 |
| 6.8.1 | Type of treatment plant - WTP 1 | Direct Filtration |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.4 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - New WTP(s) | 1 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | n/a |
| 6.12.2 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 2 | n/a |
| 6.12.3 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 3 | n/a |
| 6.13.1 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | Yes |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | atoka resevoir |
| 6.14.2 | List the names of raw water reservoirs used for water supply - Reservoir 2 | mGee creek resevoir |
| 6.14.3 | List the names of raw water reservoirs used for water supply - Reservoir 3 | n/a |
| 6.14.4 | List the names of raw water reservoirs used for water supply - Reservoir 4 | n/a |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 191000 |
| 6.15.2 | Current (2007) total reservoir storage capacity (AF) - Reservoir 2 | 103000 |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 882 |
| 6.16.2 | Current (2007) reservoir firm yield (AFY) - Reservoir 2 | 0 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.19.1 | Beyond your planned reservoir infrastructure improvements, are there other improvements that are needed? Please list below. | no |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | renovate existing pumping station to include space for chemical feeders for epa dbp rule # 1, and dbp rule # 2. increase pumping capacity to meet the treatment capacity of the new water plant. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | no |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 15 |

| | | |
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| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 20 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 2 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 30 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 10 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.26.5 | How would you rate the performance of your distribution system? | we could use some fire hydrant main upgrades |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | make sure we have enough water for the future for oklahoma, before we even consider selling it to any other state. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | SARDIS LAKE WATER AUTHORITY |
| 1.2.1 | PWSID Number | 1010319 |
| 1.2.2 | PWSID Number | 1010319 |
| 1.3.1 | Contact Information: - Name | JEANENE JOHNSON |
| 1.3.2 | Contact Information: - Title | SECRETARY |
| 1.3.3 | Contact Information: - Phone Number | 918-569-4685 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P. O. BOX 430 |
| 1.3.6 | Contact Information: - Mailing Address (City) | CLAYTON, OK. |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74536-0430 |
| 1.3.8 | Contact Information: - Physical Address (Street) | SARDIS LAKE ROAD |
| 1.3.9 | Contact Information: - Physical Address (City) | CLAYTON, OK. |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74536-0430 |
| 1.3.11 | Contact Information: - County | PUSH. |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2 | Do you utilize water from providers outside you district? | No |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | SARDIS LAKE WATER AUTHORITY |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 31.51707 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Sardis Lake Water Authority |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.4.2 | Which type(s) of reuse is (are) practiced? | Agricultural irrigation |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | WE THE TOWN OF CLAYTON HAVE A SERIOUS SUPPLY PROBLEM IF THE SARDIS LAKE WATER HAS A BREAK IN THEIR LINES. WE HAVE A STORAGE TANK, BUT IF THERE HAPPENS TO BE A FIRE IN TOWN OR EVEN OUT SIDE OF TOWN AND THE FIRE DEPT. USE WHAT'S IN OUR STORAGE TANK. THEN WE'RE OUT UNTIL SLWA GETS THEIR LINES REPAIRED |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 60 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

| Question # | Question | Answer |
|------------|--|--------------------------------------|
| 1.1.1 | Provider Name | Pushmataha Co. RWD # 3 |
| 1.2.1 | PWSID Number | 1010318 |
| 1.2.2 | PWSID Number | 1010318 |
| 1.3.1 | Contact Information: - Name | Robert Bruce |
| 1.3.2 | Contact Information: - Title | Manager |
| 1.3.3 | Contact Information: - Phone Number | 580-298-3312 |
| 1.3.4 | Contact Information: - E-Mail Address | pob327@shcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 67 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Antlers |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74573 |
| 1.3.11 | Contact Information: - County | Pushmataha |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 20 |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 4600 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 4600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 4700 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 4800 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4900 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1850 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1875 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1900 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 2500 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.15 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.2 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.3 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.5 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/18/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.165 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 54 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 80 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 20 |
| 3.10.1 | Source of estimated percentages | Billing records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Kiamichi river |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 700 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 75 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.155 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.16 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 58 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 2007 |

| | | |
|--------|--|---|
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2007 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Relocation of intake |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Kiamichi river |
| 6.16.1 | Current (2007) reservoir firm yield (AFY) - Reservoir 1 | 7 |
| 6.18.2 | Do you have raw water reservoir infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.18.4 | Do you have raw water reservoir infrastructure improvements planned? | Relocate intake and applied for 400 AF |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 370 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 17 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 8 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 40 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 60 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | HUGO MUNICIPAL AUTHORITY |
| 1.2.1 | PWSID Number | OK1010314 |
| 1.2.2 | PWSID Number | 1010314 |
| 1.3.1 | Contact Information: - Name | DAVID RAWLS |
| 1.3.2 | Contact Information: - Title | CITY MANAGER |
| 1.3.3 | Contact Information: - Phone Number | (580) 326-2722 |
| 1.3.4 | Contact Information: - E-Mail Address | hugocm@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 201 S. 2nd St. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Hugo |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74743 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 S. 2nd St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Hugo |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74743 |
| 1.3.11 | Contact Information: - County | CHOCTAW |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | David E. Rawls |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 2.5.10 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Submetering |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1500 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1600 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2000 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 635 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 660 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 710 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 740 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 800 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 180000 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 200000 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 220000 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 250000 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 300000 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 7/28/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 210000 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 8/13/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 5 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 5 |
| 3.10.1 | Source of estimated percentages | billing |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | n/a |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Checotah Public Works Authority |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

| | | |
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| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 60000000 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 430 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 15 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 0 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 10 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 85 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Don't send any of it to Texas! |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | Don't hsp water out of state! |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | town of Talihina p.w.a. |
| 1.2.1 | PWSID Number | ok1010304 |
| 1.2.2 | PWSID Number | 1010304 |
| 1.3.1 | Contact Information: - Name | philip elkins |
| 1.3.2 | Contact Information: - Title | plant manager |
| 1.3.3 | Contact Information: - Phone Number | 918-567-2169 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 205 1st St P.O. Box 457 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Talihina |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74571 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 205 1st St. |
| 1.3.9 | Contact Information: - Physical Address (City) | Talihina |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74571 |
| 1.3.11 | Contact Information: - County | Leflore |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 8.4 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 1297 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1325 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1350 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1375 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 1500 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 600 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 610 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 620 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 9/21/1901 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 650 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 2/24/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.9699 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 206.3 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 29 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 5 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 61 |
| 3.10.1 | Source of estimated percentages | m. o. r's |
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Leflore co. rwd #3 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Pushmataha Co. rwd # 2 |
| 3.12.3 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Latimer Co. Rwd # 3 |
| 3.12.4 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Choctaw Nation Hosp Latimer Co.# z (emergency only) |
| 3.12.5 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Kiamichi Baptist Assm. Okla St. Vet. Cntr. (on going) |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.6 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.8 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |

| | | |
|---------|--|---|
| 3.14.7 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.10 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 60.536 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 29.991 |
| 3.15.3 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 9.4181 |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Carl Albert |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 1500 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 50 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.8 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.75 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.56 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.9699 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 206.3 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1963 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2001 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.9.5 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | TOC Removal |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 0.375 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | A 3rd clarifier Addition of extra treatment Removal of existing storage tank Filter renovation |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | unknown as of yet |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Lake Carl Albert |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 5503 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 0.5 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 0 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 20 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 20 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.2 | Do you have any distribution system infrastructure improvements planned? | Yes, and a funding/financing plan is in place |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Replace 6" cast iron under state highway approx 1 mile. Install standpipe for storage within distribution system. |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of Antlers PQA |
| 1.2.1 | PWSID Number | OK1010301 |
| 1.2.2 | PWSID Number | 1010301 |
| 1.3.1 | Contact Information: - Name | Craig Wilson |
| 1.3.2 | Contact Information: - Title | Public Works Dir. |
| 1.3.3 | Contact Information: - Phone Number | 580-298-3274 |
| 1.3.4 | Contact Information: - E-Mail Address | waterdep@sbcglobal.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 100 S.E. 2nd St. |
| 1.3.6 | Contact Information: - Mailing Address (City) | Antlers |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74523 |
| 1.3.11 | Contact Information: - County | Pushmataha |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | m-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 34 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2552 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2840 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3220 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3570 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4620 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 1236 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 1363 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 1546 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 1714 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 2218 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.346 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.512 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.678 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 0.844 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.342 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 10/23/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 0.538 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 124.648 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | Bot DOC and Self-Provided |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/2008 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 37 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 29 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 34 |
| 3.10.1 | Source of estimated percentages | Based on 2007 Water Use |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.2. | Do you utilize water from providers outside you district? | No |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Kiamichi River |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Hugo Lake |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 235 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 523 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 31 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 69 |

| | | |
|--------|--|--|
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 1.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 1.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.346 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.538 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 124.65 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1974 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 1998 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1.8 |
| 6.11.1 | Are the planned WTP infrastructure improvements funded? | Yes, they are fully funded |
| 6.11.5 | Are the planned WTP infrastructure improvements funded? | New treatment plant and some distribution line work started Jan. 2008 |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | Distribution line work |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.1 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Yes, and they are fully funded |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | Construction in 2008 |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Yes, distribution |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10.326 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 6.519 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.36 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 0.14 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0.36 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 38 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 30 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 11 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 20 |
| 6.26.4 | How would you rate the performance of your distribution system? | Poor |
| 6.26.5 | How would you rate the performance of your distribution system? | Undersized lines for fire protection and too many dead end mains |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | Comments made during input meetings. |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | On unaccounted for water in 2007 (ques. 2(4)), the 34% is not slippage; we have a fire plug flushing program and don't charge ourself for the water. |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | McCurtain County RWD #8 |
| 1.2.1 | PWSID Number | OK1010207 |
| 1.2.2 | PWSID Number | 1010207 |
| 1.3.1 | Contact Information: - Name | Dale Pratt |
| 1.3.2 | Contact Information: - Title | Board Chairman |
| 1.3.3 | Contact Information: - Phone Number | 580.584.2918 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | RR4, Box 7 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Broken Bow |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74728 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 1.4 mi N. of intersection Hwy 3, 70, 259 |
| 1.3.9 | Contact Information: - Physical Address (City) | Broken Bow |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74728 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.3 | Municipal Provider or Rural Water District? - Other | r-owrb |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 35 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 5710 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6115 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7465 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 8815 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 12865 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 2269 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2419 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2919 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3419 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 4919 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.757 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 0.8 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 0.96 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.13 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.63 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/13/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.059 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 230 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | District's accounting records |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 51 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 10 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 2 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 35 |
| 3.10.1 | Source of estimated percentages | Water district records |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Broken Bow Gravity Flow |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |

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|--------|--|--|
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 49 |
| 5.12.1 | How many surface water supplies do you utilize? | 2 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Mountain Fork River |
| 5.13.2 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 2 | Mountain Fork River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 538 |
| 5.14.2 | Surface water permitted in 2007 for each source (AFY) - Supply 2 | 1173 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 41 |
| 5.15.2 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 2 | 43 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 0.7 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 0.7 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 0.63 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 0.757 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 230 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1971 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.10.1 | For any existing or new water treatment plants, how much capacity do you have firm plans to add (in MGD)? (Leave blank if zero or unknown.) - WTP 1 | 1.3 |
| 6.11.2 | Are the planned WTP infrastructure improvements funded? | Yes, a funding/financing plan is in place |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.20.4 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | New water intake structure, raw water pump and associated piping to plant. |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Yes, new treatment plant. |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 190 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 55 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 30 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 60 |
| 6.26.3 | How would you rate the performance of your distribution system? | Fair |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Water storage tank. Line upgrades and replacements. |

| Question # | Question | Answer |
|------------|---|---|
| 1.1.1 | Provider Name | Idabel Public Works Authority |
| 1.2.1 | PWSID Number | 1010203 |
| 1.2.2 | PWSID Number | 1010203 |
| 1.3.1 | Contact Information: - Name | Steve Surratt |
| 1.3.2 | Contact Information: - Title | Public Works Authority |
| 1.3.3 | Contact Information: - Phone Number | (580) 286-5631 |
| 1.3.4 | Contact Information: - E-Mail Address | ipwadirector@yahoo.net |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 201 East Main |
| 1.3.6 | Contact Information: - Mailing Address (City) | Idabel |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74745 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 201 East Main |
| 1.3.9 | Contact Information: - Physical Address (City) | Idabel |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74745 |
| 1.3.11 | Contact Information: - County | McCurtain |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.2 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 12 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 6952 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 6994 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 7064 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 7135 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 7206 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 3061 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 3092 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 3123 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3154 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3186 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 1.095 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 1.205 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 1.326 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 1.459 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 1.605 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 8/15/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 1.568 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 399.6 |
| 3.6.4 | Source/Method of Population Projections (mark the method used) | 2000 U.S. census |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.7.5 | Method used to project annual average daily water demands (check all that apply) | Per-capita demand times population projection |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 12/1/2000 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 56 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 33 |
| 3.9.3 | Estimated percentage of 2007 water demand associated with each of the following categories: - Industrial | 2 |
| 3.9.4 | Estimated percentage of 2007 water demand associated with each of the following categories: - Institutional | 0 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 0 |
| 3.9.6 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Municipal | 0 |
| 3.9.7 | Estimated percentage of 2007 water demand associated with each of the following categories: - Other Rural Water District | 9 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 0 |
| 3.10.1 | Source of estimated percentages | Billing system |

| | | |
|--------|--|---|
| 3.11.1 | Do you supply water to outside providers? (If NO, please skip to Section 4) | Yes |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | McCurtain County RWD #2 |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | McCurtain County RWD #1 |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.3 | For each provider, is the water provided on an emergency-only or ongoing basis? | Emergency-only |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.15.1 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 40.8 |
| 3.15.2 | In 2007, what volume of water (MG) did you provide to each of the providers listed? | 0.35 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Broken Bow PWA |
| 4.3.1 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Emergency-only | Emergency-only |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 1.078 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.11.1 | Percentage utilization of wells in 2007 Percentage Utilization | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Little River |
| 5.14.1 | Surface water permitted in 2007 for each source (AFY) - Supply 1 | 3159 |
| 5.15.1 | On average, what percentage of permitted surface water was utilized over the last 5 years? - Supply 1 | 39 |
| 6.1.1 | Maximum available delivery rate of water to your treatment plant (MGD) - total conveyance capacity from diversion to each treatment plant (pipeline and pumping) - WTP 1 | 5.2 |
| 6.2.1 | What is the maximum treatment rate of your facility (MGD)? - WTP 1 | 4.2 |
| 6.3.1 | Current (2007) average daily production (MGD) per water treatment plant (WTP) (annual production/365 days) - WTP 1 | 1.09 |
| 6.4.1 | What was your 2007 peak day production (MGD)? - WTP 1 | 1.647 |
| 6.5.1 | Total annual production in 2007 (MG) - WTP 1 | 399.6 |
| 6.6.1 | What year was your water treatment plant(s) originally built? - WTP 1 | 1972 |
| 6.7.1 | What year was the most recent expansion or upgrade to your water treatment plant(s) - WTP 1 | 2003 |
| 6.8.2 | Type of treatment plant - WTP 1 | Conventional (floc/sed/filtration) |
| 6.9.3 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 1 |
| 6.9.4 | Do you anticipate financial challenges meeting any of the listed water quality treatment standards? (select all that apply) | Disinfection Byproducts Stage 2 |
| 6.11.3 | Are the planned WTP infrastructure improvements funded? | N/A - none planned |
| 6.12.1 | Beyond any planned infrastructure improvements, are there additional improvements that are needed? Please list below (by WTP). - WTP 1 | bafling of clear well and changing piping to the clearwell from the filters |
| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.14.1 | List the names of raw water reservoirs used for water supply - Reservoir 1 | Little River |
| 6.15.1 | Current (2007) total reservoir storage capacity (AF) - Reservoir 1 | 46613 |
| 6.18.3 | Do you have raw water reservoir infrastructure improvements planned? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | none |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 53 |
| 6.22.2 | Estimate length of water distribution lines, in miles, in your system. - Greater than 6" and less than or equal to 12" in diameter | 39 |
| 6.22.3 | Estimate length of water distribution lines, in miles, in your system. - Greater than 12" in diameter | 3 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 3 |
| 6.23.2 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |

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|--------|--|---------------------------------|
| 6.23.3 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 2 |
| 6.24.2 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 6" and less than or equal to 12" in diameter | 0 |
| 6.24.3 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - Greater than 12" in diameter | 0 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 10 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 20 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 40 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 25 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 5 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.1 | Is the rate charged different for internal (city / RWD) vs. external customers? | Yes |
| 7.10.2 | If you supply reclaimed water to multiple users, is the rate charged different for different types of uses (landscape irrigation, ag irrigation, etc.)? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | West Jay Rural Water District No. 1 |
| 1.2.2 | PWSID Number | 3 |
| 1.3.1 | Contact Information: - Name | Darrel Wiese |
| 1.3.2 | Contact Information: - Title | Maintenance Operator |
| 1.3.3 | Contact Information: - Phone Number | (918)253-6436 |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 38 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Eucha |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74342 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 7841 E 431 Road |
| 1.3.9 | Contact Information: - Physical Address (City) | Eucha |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74342 |
| 1.3.11 | Contact Information: - County | Delaware |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 37 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 2.5.2 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Utility water loss (reporting leaks) |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 2200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 2500 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 2700 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 3000 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 3000 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 400 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 500 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 550 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 580 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 580 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 0.13 |
| 3.4.1 | 2007 Peak Day Demand (actual observed): | 2/1/2007 |
| 3.4.2 | 2007 Peak Day Demand (actual observed): | 4.08 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 34.076 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 3/30/1900 |
| 3.9.8 | Estimated percentage of 2007 water demand associated with each of the following categories: - Unbilled / Unaccounted For | 10 |
| 3.10.1 | Source of estimated percentages | records |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Charlie & Hiawatha King |
| 3.12.2 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | Virginia Marsh |
| 3.13.2 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.13.4 | For each provider, is the water provided on an emergency-only or ongoing basis? | Ongoing |
| 3.14.1 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 3.14.4 | Is the water potable (treated) or raw (needs treatment)? | Potable (treated) |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Jay |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 34.076 |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |

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| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | Moving Pump Station |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 50 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 5 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 5 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 95 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.1 | Do you have any distribution system infrastructure improvements planned? | Yes, and they are fully funded |
| 6.27.4 | Do you have any distribution system infrastructure improvements planned? | Moving water tower funded by Cherokee Nation |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.6.2 | Is there sufficient existing infrastructure capacity to deliver the desired increase in reuse water? | No |
| 7.7.2 | If there is insufficient infrastructure capacity, is there a plan in place to manage demands or increase capacity for a reuse supply source to customers? | No |
| 7.8.2 | Do you charge users of treated effluent for the water? | No |
| 7.9.2 | Is the rate charged different for internal (city / RWD) vs. external customers? | No |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City Stang |
| 1.2.2 | PWSID Number | 2 |
| 1.3.1 | Contact Information: - Name | Vicki Duffield |
| 1.3.2 | Contact Information: - Title | Court Clerk/Town Clerk/Treasurer |
| 1.3.3 | Contact Information: - Phone Number | 918-593-2222 |
| 1.3.4 | Contact Information: - E-Mail Address | city-strang@sstelco.com |
| 1.3.5 | Contact Information: - Mailing Address (Street) | P.O. Box 286 |
| 1.3.6 | Contact Information: - Mailing Address (City) | Strang |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 74367 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 207 E. Broadway |
| 1.3.9 | Contact Information: - Physical Address (City) | Strang |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 74367 |
| 1.3.11 | Contact Information: - County | Mayes |
| 1.4.2 | Municipal Provider or Rural Water District? | Rural Water District |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.4.1 | Using the following equation, estimate the percent of lost or unaccounted for water in 2007. | 5 |
| 2.5.1 | Which of the following conservation measures/programs do you have in place? (Check the appropriate boxes) | Metering and/or meter replacement program |
| 3.1.1 | What is the total residential population served? (Do not include wholesale residential customers) - 2007 (Actual) | 200 |
| 3.1.2 | What is the total residential population served? (Do not include wholesale residential customers) - 2010 (Estimated) | 225 |
| 3.1.3 | What is the total residential population served? (Do not include wholesale residential customers) - 2020 (Estimated) | 250 |
| 3.1.4 | What is the total residential population served? (Do not include wholesale residential customers) - 2030 (Estimated) | 275 |
| 3.1.5 | What is the total residential population served? (Do not include wholesale residential customers) - 2060 (Estimated) | 300 |
| 3.2.1 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2007 (Actual) | 80 |
| 3.2.2 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2010 (Estimated) | 90 |
| 3.2.3 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2020 (Estimated) | 100 |
| 3.2.4 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2030 (Estimated) | 110 |
| 3.2.5 | What is the total number of water accounts served? (Do not include wholesale residential customers) - 2060 (Estimated) | 120 |
| 3.3.1 | What is the annual average daily demand (MGD)? - 2007 (Actual) | 13206 |
| 3.3.2 | What is the annual average daily demand (MGD)? - 2010 (Estimated) | 14856 |
| 3.3.3 | What is the annual average daily demand (MGD)? - 2020 (Estimated) | 16506 |
| 3.3.4 | What is the annual average daily demand (MGD)? - 2030 (Estimated) | 18156 |
| 3.3.5 | What is the annual average daily demand (MGD)? - 2060 (Estimated) | 19806 |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.3 | Source/Method of Population Projections (mark the method used) | Self Provided Estimates |
| 3.7.6 | Method used to project annual average daily water demands (check all that apply) | Extrapolation from historical demand trends |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 95 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 5 |
| 3.10.1 | Source of estimated percentages | Customer review |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | None |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Muskogee |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 4754280 |
| 5.1.1 | Total number of groundwater permits issued to provider | 0 |
| 5.2.1 | Total amount of groundwater permitted to provider (AFY) | 0 |
| 5.3.1 | Number of wells in use requiring no treatment prior to consumption | 0 |
| 5.4.1 | Average age of wells in use requiring no treatment prior to consumption (years) | 0 |
| 5.5.1 | Average production rate per well in use requiring no treatment prior to consumption (MGD) | 0 |
| 5.6.1 | Total amount of water produced by all wells requiring no treatment* in 2007 (MG) | 0 |
| 5.7.1 | Number of wells in use requiring treatment prior to consumption | 0 |
| 5.8.1 | Average age of wells in use requiring treatment prior to consumption (years) | 0 |
| 5.9.1 | Average production rate per well in use requiring treatment prior to consumption (MGD) | 0 |
| 5.10.1 | Total amount of water produced from all wells requiring treatment in 2007 (MG) | 0 |
| 5.12.1 | How many surface water supplies do you utilize? | 0 |

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| 6.13.2 | Have you completed any studies assessing the condition of your water treatment system such as a Water Treatment Master Plan or a Water Treatment Plant Assessment? | No |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.21.1 | Beyond any planned conveyance and/or pumping infrastructure improvements, are there additional improvements that are needed? Please list below. | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 10 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 100 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |
| 7.9.3 | Is the rate charged different for internal (city / RWD) vs. external customers? | N/A - don't charge anyone |

| Question # | Question | Answer |
|------------|--|---|
| 1.1.1 | Provider Name | City of The Village |
| 1.2.2 | PWSID Number | 1 |
| 1.3.1 | Contact Information: - Name | Bruce K. Stone |
| 1.3.2 | Contact Information: - Title | City Manager |
| 1.3.3 | Contact Information: - Phone Number | 405-751-8861 x259 |
| 1.3.4 | Contact Information: - E-Mail Address | bruce_stone@thevillageok.org |
| 1.3.5 | Contact Information: - Mailing Address (Street) | 2304 Manchester Drive |
| 1.3.6 | Contact Information: - Mailing Address (City) | The Village |
| 1.3.7 | Contact Information: - Mailing Address (Zip code) | 73120 |
| 1.3.8 | Contact Information: - Physical Address (Street) | 2304 Manchester Drive |
| 1.3.9 | Contact Information: - Physical Address (City) | The Village |
| 1.3.10 | Contact Information: - Physical Address (Zip Code) | 73120 |
| 1.3.11 | Contact Information: - County | Oklahoma |
| 1.4.1 | Municipal Provider or Rural Water District? | Municipal Provider |
| 1.5.2 | Have you completed a Water Supply Plan for future water sources within the last 10 years? | No |
| 2.1.2 | Do you have an adopted Water Conservation Plan? | No |
| 2.2.2 | Do you have an adopted Drought Management Plan? | No |
| 2.3.1 | Has your water system been required to implement emergency public water rationing measures over the last 5 years? | Yes |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | Oklahoma City |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Oklahoma City Water - Lake Hefner |
| 3.5.1 | Total Water Produced in 2007 (MG) | 0 |
| 3.6.2 | Source/Method of Population Projections (mark the method used) | County Growth and Development Estimates |
| 3.7.4 | Method used to project annual average daily water demands (check all that apply) | Historic water production data |
| 3.8.1 | Date Population Projections Were Last Revised (MM/YYYY) | 6/1/1964 |
| 3.9.1 | Estimated percentage of 2007 water demand associated with each of the following categories: - Residential | 90 |
| 3.9.2 | Estimated percentage of 2007 water demand associated with each of the following categories: - Commercial | 2 |
| 3.9.5 | Estimated percentage of 2007 water demand associated with each of the following categories: - Agricultural | 8 |
| 3.10.1 | Source of estimated percentages | Water sale Previousla |
| 3.11.2 | Do you supply water to outside providers? (If NO, please skip to Section 4) | No |
| 3.12.1 | Name the water providers/districts/other to whom you provide supplies (Highest volume first) | 0 |
| 4.1.1 | Do you utilize water from providers outside you district? | Yes |
| 4.2.1 | Name the providers/districts/other from whom you purchase water. - Provider Name 1 | City of Checotah |
| 4.3.2 | For each provider you purchase water from, do you purchase that water on an emergency-only basis or an ongoing basis? - Provider 1 - Ongoing | Ongoing |
| 4.4.1 | Do you purchase water that is potable (treated) or raw (needs treatment)? - Provider 1 - Potable (treated) | Potable (treated) |
| 4.5.1 | List the volume of water (MG) purchased from each of the above providers in 2007. - Provider 1 | 32.5 |
| 5.12.1 | How many surface water supplies do you utilize? | 1 |
| 5.13.1 | Name the surface water supply sources (e.g., river name, reservoir name, etc.) - Name Supply 1 | Lake Eufaula |
| 6.20.3 | Do you have any raw water conveyance and/or pumping infrastructure improvements planned? | No |
| 6.22.1 | Estimate length of water distribution lines, in miles, in your system. - 6" or smaller in diameter | 315 |
| 6.23.1 | Estimate length of water distribution lines in your system, in miles, replaced over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.24.1 | Estimate length of water distribution lines in your system, in miles, installed new over the last 5 years. - 6" or smaller in diameter | 1 |
| 6.25.1 | What approximate percentage of the total length of pipe in your distribution system is: - Less than 10 years old | 18 |
| 6.25.2 | What approximate percentage of the total length of pipe in your distribution system is: - Between 10 and 30 years old | 15 |
| 6.25.3 | What approximate percentage of the total length of pipe in your distribution system is: - Between 30 and 50 years old | 67 |
| 6.25.4 | What approximate percentage of the total length of pipe in your distribution system is: - Between 50 and 70 years old | 0 |
| 6.25.5 | What approximate percentage of the total length of pipe in your distribution system is: - Older than 70 years | 0 |
| 6.26.2 | How would you rate the performance of your distribution system? | Good |
| 6.27.3 | Do you have any distribution system infrastructure improvements planned? | No |
| 7.1.2 | Do you reuse any of your treated wastewater effluent? | No (Please skip to Question #5) |
| 7.5.2 | Do you plan to increase reuse deliveries (or initiate a reuse system) in the future? | No |

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| 8.1.1 | Do you have any comments or concerns with respect to Oklahoma State Water Planning? | No |
| 8.2.1 | Do you have any comments on the above information, or information you would like the OWRB to know for state water planning purposes? | No |