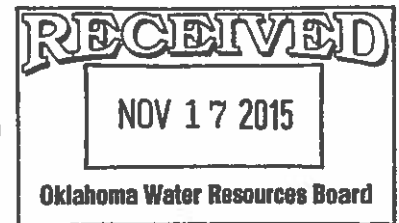


# MILL CREEK DOLOMITE, LLC.

9915 W. Amos Conley Road  
Mill Creek, OK 74856  
(580) 384-5271

P. O. Box 2668  
Winnemucca, NV 89446  
(775) 623-9117



11/13/2015

Kent Wilkens, Assistant Chief  
Planning and Management Division  
State of Oklahoma  
Water Resources Board  
3800 N. Classen Boulevard  
Oklahoma City, OK 73118

Re: Consumptive Use of Pit Water, 3rd Quarter Report 2015

Dear Mr. Wilkins;

As required under **Oklahoma Statute 82-1020.2 (E) (1)** and **Oklahoma Administrative Code 785:30-15**, Mill Creek Dolomite is respectively submitting the water report for the second quarter of calendar year 2015.

As previously reported, the pumping from "Quarry A" was estimated for weeks 27, 28 and 29 due to the pump failure during the flood event of the previous quarter. The pump has been repaired and pumping rates recorded as normal starting week 30.

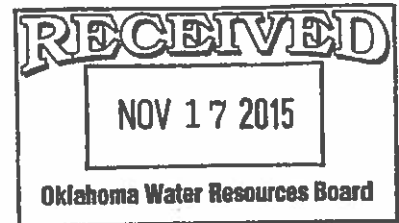
If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Baker". The signature is fluid and cursive, with a long horizontal stroke at the end.

Ken Baker  
Quality, Safety and Environmental Manager  
Mill Creek Dolomite, LLC

**CONSUMPTIVE USE REPORT**  
**3rd QUARTER, 2015**  
**MILL CREEK DOLOMITE, LLC**  
**MILL CREEK MINE & MILL**



**TABLE 1: Estimated Consumptive Use of Pit Water**

<b>PIT GROUNDWATER VOLUME</b>		<b>VALUES (Gal)</b>
1	Total volume of water pumped from the producing mine pit (s)	25,149,690
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	23,707,360
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water	0
4	Other non-pit waters pumped from the producing mine pit	0
5	Add lines 2 through 4	23,707,360
6	<b>Pit Ground Water Volume</b> (Line 1 minus Line 5)	1,442,330
<b>DEFINED ELEMENTS OF CONSUMPTIVE USE</b>		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	379,892
8	Volume of pit groundwater that is carried away with the mined material transported off the mining site (shipped)	0
9	Volume of pit groundwater that evaporates from the producing mine pit, process water ponds, and lined ponds (Excluding structures used for augmentation)	3,705,365
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	312,551
11	<b>Defined Elements of Consumptive Use of Pit Groundwater</b> ( Add Lines 7 through 10)	4,397,808
<b>PIT GROUNDWATER BALANCE</b>		
12	Line 6 minus Line 11	-2,955,478
13	<b>Groundwater Augmentation:</b> Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	
14	<b>Stream Augmentation:</b> Volume of pit groundwater discharged to a definite stream, during flow conditions that are less than or equal to 50% exceedance, pursuant to a Management Plan	
15	<b>Precipitation &amp; Run-off</b> Volume of precipitation and surface run-off into a recharge pit or holding pond used for augmentation	
16	<b>Recycled Pit Groundwater</b> Volume of pit groundwater returned to a mine pit or holding basin (not included on lines 7 through 10)	
17	<b>Other Non-Consumptive Losses</b> Including pit groundwater returned to the land surface from which runoff flows into a mine pit and other losses (not included in lines 7 through 10)	
18	Add lines 13 through 17	0
19	<b>Other Consumptive Use (adjusted) (Line 12 minus Line 18)</b>	-2,955,478
<b>TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER</b>		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	1,442,330

**PIT WATER MONITORING DATA**  
MILL CREEK DOLOMITE, LLC

SUMP SURFACE AREA DATA:  
SUMP A (sq ft) 2,163,342  
PUMP A (GPM) 300

SUMP B (sq ft) 1,051,207  
PUMP B (GPM) 50

200 Field Check 10/2 true pump rate is 50

DATE	WK	PU-19 QA		PU-18 QB		PIT WATER PUMPED			PIT RAIN WATER				TOTAL GALLONS	
		Meter Reading	HRS. RAN	Meter Reading	HRS. RAN	QA GPD	QB GPD	Grand Total	RAIN FALL	VOLUME QA	GALLONS QA	VOLUME QB		GALLONS QB
7/6/15	27	4052	104.7	3250	170.0	1122288	291429	1413716	5.5	982518	7350216	477423	3571603	10921819
7/13/15	28	4052	74.2	3418	168.0	794755	288000	1082755	3.8	676044	5057488	328502	2457525	7515013
7/20/15	29	4052	6.7	3588	170.0	72257	291429	363686	0.0	0	0	0	0	0
7/27/15	30	4069	17.0	3651	63.0	43714	108000	151714	0.0	0	0	0	0	0
<b>Monthly Totals</b>			202.7		571.0	10046190	7586143	17632333	9.20	1658562	12407704	805925	6029128	18436831
8/3/15	31	4106	37.0	3717	66.0	95143	113143	208286	0.0	0	0	0	0	0
8/10/15	32	4126	20.0	3782	65.0	51429	111429	162857	0.0	0	0	0	0	0
8/17/15	33	4147	21.0	3827	45.0	54000	77143	131143	0.0	0	0	0	0	0
8/24/15	34	4173	26.0	3895	68.0	66857	116571	183429	0.1	23436	175326	11388	85194	260520
8/31/15	35	4192	19.0	3944	49.0	48857	84000	132857	0.0	0	0	0	0	0
<b>Monthly Totals</b>			123.0		293.0	1960971	3114171	5075143	0.1	23436	175326	11388	85194	260520
9/1/15	36	4202	10.0	4014	70.0	25714	30000	55714	0.0	0	0	0	0	0
9/11/15	37	4224	22.0	4037	23.0	56571	9857	66429	1.6	288446	2157862	140161	1048544	3206405
9/18/15	38	4248	24.0	4148	111.0	61714	47571	109286	0.9	162251	1213797	78841	589806	1803603
9/25/15	39	4269.7	21.7	4237.6	89.6	55800	38400	94200	0.0	0	0	0	0	0
<b>Monthly Totals</b>			77.7		293.6	1498500	943714	2442214	2.50	450696	3371659	219001	1638350	5010009
<b>3rd QUARTER TOTALS</b>			403.4		1157.6	13,505,661	11,644,029	25,149,690	11.83	2132695	15954689	1036315	7752672	23,707,360

**MILL CREEK DOLOMITE, LLC  
PIT WATER MONITORING DATA  
Third Quarter 2015**

**SUMP DATA:**

SUMP A: 2,163,342 Sq. Ft.

SUMP B: 1,051,207 Sq. Ft.

**SETTLING POND DATA:**

SETTLING POND A: 30,000 Sq. Ft. (F-02, MAP 3 – SSWMCP)

SETTLING POND B: 35,000 Sq. Ft. (F-01, MAP 3 – SSWMCP)

**PRODUCTION DATA:**

Month	Tons	% Moisture
July	20,244	2.5
August	20,720	2.0
September	26,242	2.5
	67,206	

**Calculations for gallons of water shipped to plant:**

Tons	Moisture	Tons H2O	Lbs H2O
20244	X 0.025 =	506	1,012,200
20720	X 0.020 =	414	828,800
26242	X 0.025 =	656	1,312,100
			3,153,100

Total Lbs 3,153,100

Gallons 3,153,100 / 8.3 = 379,892 Gallons of water

**Misc. Water Data:**

**List of Equivalents:**

**Volume Units**

One Gallon Conversion factors

= 231 cubic inches

= 0.13368 cubic foot weighs approximately 8.3 pounds

One Cubic Foot

= 1,728 cubic inches

= 7.481 gallons (7.5 for ordinary calculations) weighs 62.4 pounds (62.5 for ordinary calculations)

## MILL CREEK DOLOMITE 2015 TONS

Month	Blasted Tons	Broken Boulders Recovered	Tons Hauled From Pit	Tons Crushed	North Pit Processed Tons	South Pit Processed Tons	Ball Mill Tons	Total Tons Shipped
January	36,925	0	22,951	19,585	15,191	11,574	1,180	15,226
February	0	0	22,379	18,828	15,620	12,364	1,987	14,966
March	35,201	0	14,128	16,663	16,868	12,603	421	16,412
April	0	0	18,138	22,048	20,534	12,490	285	16,683
May	28,884	0	19,706	19,706	20,824	11,834	0	14,956
June	26,476	0	16,639	16,200	16,154	8,568	0	12,263
July	30,881	0	20,244	20,524	23,455	13,114	584	16,977
August	14,560	0	20,720	20,244	20,055	12,358	1,107	17,297
September	12,652	0	26,242	23,862	23,420	13,422	1,499	18,632
October								
November								
December								
<b>Totals</b>	<b>185,579</b>	<b>0</b>	<b>181,147</b>	<b>177,660</b>	<b>172,121</b>	<b>108,327</b>	<b>7,063</b>	<b>143,412</b>

**RECEIVED**

**NOV 17 2015**

Oklahoma Water Resources Board

**PIT WATER MONITORING DATA  
MILL CREEK DOLOMITE, LLC  
EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Sep-15												
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)	
09/01/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
09/02/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
09/03/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
09/04/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/05/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
09/06/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
09/07/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
09/08/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
09/09/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	
09/10/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/11/15	0.30	0.210	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/12/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
09/13/15	0.33	0.231	248.81	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84	
09/14/15	0.35	0.245	263.89	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65	
09/15/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	
09/16/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
09/17/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
09/18/15	0.31	0.217	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03	
09/19/15	0.16	0.112	120.63	902.46	2452.82	18349.54	280.00	2094.68	326.67	2443.79	23790.47	
09/20/15	0.05	0.035	37.70	282.02	766.51	5734.23	87.50	654.59	102.08	763.69	7434.52	
09/21/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/22/15	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	
09/23/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
09/24/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/25/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/26/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/27/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
09/28/15	0.13	0.091	98.01	739.25	1992.92	14909.00	227.50	1701.93	265.42	1985.58	19329.76	
09/29/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
09/30/15	0.22	0.154	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89	
<b>Monthly Totals</b>			<b>5,616.99</b>	<b>42,020.70</b>	<b>114,209.37</b>	<b>854,400.29</b>	<b>13,037.50</b>	<b>97,533.54</b>	<b>15,210.42</b>	<b>113,789.13</b>	<b>1,107,743.65</b>	
<b>Quarterly Total</b>			<b>18,788.64</b>	<b>140,557.83</b>	<b>382,026.51</b>	<b>2,857,940.30</b>	<b>43,610.00</b>	<b>326,246.41</b>	<b>50,878.33</b>	<b>380,620.81</b>	<b>3,705,365.35</b>	

PIT WATER MONITORING DATA  
MILL CREEK DOLOMITE, LLC

EVAPORATION

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Aug-15												
Date	Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)	
08/01/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	
08/02/15	0.20	0.14	150.79	1128.07	3066.02	22936.92	350.00	2618.35	408.33	3054.74	29738.08	
08/03/15	0.21	0.147	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99	
08/04/15	0.10	0.07	75.40	564.04	1533.01	11468.46	175.00	1309.18	204.17	1527.37	14869.04	
08/05/15	0.34	0.238	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74	
08/06/15	0.39	0.273	294.04	2199.74	5978.75	44727.00	682.50	5105.78	796.25	5956.75	57989.27	
08/07/15	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46	
08/08/15	0.35	0.245	263.89	1974.13	5365.54	40139.61	612.50	4582.11	714.58	5345.80	52041.65	
08/09/15	0.36	0.252	271.43	2030.53	5518.84	41286.46	630.00	4713.03	735.00	5498.54	53528.55	
08/10/15	0.33	0.231	248.81	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84	
08/11/15	0.38	0.266	286.50	2143.34	5825.44	43580.15	665.00	4974.87	775.83	5804.01	56502.36	
08/12/15	0.37	0.259	278.96	2086.93	5672.14	42433.30	647.50	4843.95	755.42	5651.27	55015.46	
08/13/15	0.32	0.224	241.27	1804.92	4905.64	36699.07	580.00	4189.36	653.33	4887.59	47580.94	
08/14/15	0.24	0.168	180.95	1353.69	3679.23	27524.30	420.00	3142.02	490.00	3665.69	35685.70	
08/15/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
08/16/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
08/17/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
08/18/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
08/19/15	0.17	0.119	128.17	958.86	2606.12	19496.38	297.50	2225.60	347.08	2596.53	25277.37	
08/20/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
08/21/15	0.30	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13	
08/22/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
08/23/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
08/24/15	0.29	0.203	218.65	1635.71	4445.73	33258.53	507.50	3796.61	592.08	4429.38	43120.22	
08/25/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
08/26/15	0.26	0.182	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51	
08/27/15	0.23	0.161	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80	
08/28/15	0.27	0.189	203.57	1522.90	4139.13	30964.84	472.50	3534.77	551.25	4123.90	40146.41	
08/29/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
08/30/15	0.25	0.175	188.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61	
08/31/15	0.28	0.196	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32	
<b>Monthly Totals</b>			<b>6566.98</b>	<b>49127.56</b>	<b>133525.32</b>	<b>998902.89</b>	<b>15242.50</b>	<b>114029.14</b>	<b>17782.92</b>	<b>133034.00</b>	<b>1295093.59</b>	

**PIT WATER MONITORING DATA  
MILL CREEK DOLOMITE, LLC  
EVAPORATION**

Sump A (sq ft) 12,925 Sump B (sq ft) 262,802 (25% of pit area always has water)  
 Settling A (sq ft) 30,000 Settling B (sq ft) 35,000

Date		Jul-15											
Pan Evaporation (in)	Corrected Evaporation Rate (in)	Sump A Evaporation Volume (cu ft)	Sump A Evaporation (Gallons)	Sump B Evaporation Volume (cu ft)	Sump B Evaporation (Gallons)	Settling A Evaporation Volume (cu ft)	Settling A Evaporation (Gallons)	Settling B Evaporation Volume (cu ft)	Settling B Evaporation (Gallons)	Total Evaporation (Gallons)			
07/01/15	0.32	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94			
07/02/15	0.25	198.49	1410.09	3832.53	28671.15	437.50	3272.94	510.42	3818.43	37172.61			
07/03/15	0.21	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99			
07/04/15	0.27	203.57	1522.90	4139.13	30964.84	472.50	3594.77	551.25	4123.90	40146.41			
07/05/15	0.30	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13			
07/06/15	0.23	173.41	1297.28	3525.93	26377.46	402.50	3011.10	469.58	3512.95	34198.80			
07/07/15	0.15	113.09	846.05	2299.52	17202.69	262.50	1963.76	306.25	2291.06	22303.56			
07/08/15	0.09	67.86	507.63	1379.71	10321.61	157.50	1178.26	183.75	1374.63	13382.14			
07/09/15	0.22	165.87	1240.88	3372.63	25230.61	385.00	2880.19	449.17	3360.22	32711.89			
07/10/15	0.31	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03			
07/11/15	0.32	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94			
07/12/15	0.21	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13			
07/13/15	0.32	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94			
07/14/15	0.31	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03			
07/15/15	0.31	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03			
07/16/15	0.32	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94			
07/17/15	0.33	248.81	1861.32	5058.94	37845.92	577.50	4320.28	673.75	5040.32	49067.84			
07/18/15	0.34	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74			
07/19/15	0.31	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03			
07/20/15	0.30	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13			
07/21/15	0.26	196.03	1466.49	3985.83	29818.00	455.00	3403.86	530.83	3971.16	38659.51			
07/22/15	0.28	211.11	1579.30	4292.43	32111.69	490.00	3665.69	571.67	4276.64	41633.32			
07/23/15	0.32	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94			
07/24/15	0.31	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03			
07/25/15	0.30	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13			
07/26/15	0.30	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13			
07/27/15	0.32	241.27	1804.92	4905.64	36699.07	560.00	4189.36	653.33	4887.59	47580.94			
07/28/15	0.34	256.35	1917.72	5212.24	38992.76	595.00	4451.20	694.17	5193.06	50554.74			
07/29/15	0.31	233.73	1748.51	4752.34	35552.23	542.50	4058.44	632.92	4734.85	46094.03			
07/30/15	0.30	226.19	1692.11	4599.04	34405.38	525.00	3927.53	612.50	4582.11	44607.13			
07/31/15	0.21	158.33	1184.48	3219.32	24083.77	367.50	2749.27	428.75	3207.48	31224.99			
<b>Monthly Totals</b>		<b>6604.68</b>	<b>49409.57</b>	<b>134291.82</b>	<b>1004637.12</b>	<b>15330.00</b>	<b>114683.73</b>	<b>17885.00</b>	<b>133797.69</b>	<b>1307528.11</b>			



Mesonet  
 Seasonal Single Site ET Table  
 Tishomingo  
 3rd Quarter 2015

Date	Reference ET, Short [in]	Reference ET, Tall [in]	Cool Season Grass ET [in]	Warm Season Grass ET [in]	Pen. Evaporation [in]
2015-09-30	0.18	0.23	0.16	0.11	0.22
2015-09-29	0.17	0.22	0.16	0.10	0.21
2015-09-28	0.11	0.14	0.10	0.07	0.13
2015-09-27	0.16	0.20	0.15	0.10	0.20
2015-09-26	0.17	0.21	0.15	0.10	0.21
2015-09-25	0.17	0.22	0.16	0.11	0.21
2015-09-24	0.16	0.21	0.15	0.10	0.20
2015-09-23	0.18	0.24	0.17	0.11	0.23
2015-09-22	0.19	0.24	0.18	0.12	0.24
2015-09-21	0.17	0.20	0.15	0.10	0.20
2015-09-20	0.04	0.06	0.04	0.03	0.05
2015-09-19	0.13	0.16	0.12	0.08	0.16
2015-09-18	0.23	0.32	0.22	0.14	0.31
2015-09-17	0.25	0.35	0.24	0.16	0.34
2015-09-16	0.22	0.30	0.21	0.14	0.30
2015-09-15	0.20	0.27	0.19	0.12	0.26
2015-09-14	0.25	0.37	0.23	0.16	0.35
2015-09-13	0.24	0.34	0.22	0.15	0.33
2015-09-12	0.21	0.28	0.19	0.13	0.28
2015-09-11	0.23	0.31	0.21	0.14	0.30
2015-09-10	0.17	0.19	0.16	0.10	0.20
2015-09-09	0.14	0.17	0.13	0.08	0.17
2015-09-08	0.26	0.35	0.24	0.16	0.34
2015-09-07	0.24	0.31	0.22	0.15	0.31
2015-09-06	0.22	0.27	0.20	0.14	0.27
2015-09-05	0.21	0.27	0.20	0.13	0.27
2015-09-04	0.24	0.30	0.22	0.15	0.30
2015-09-03	0.22	0.28	0.21	0.14	0.28
2015-09-02	0.23	0.29	0.21	0.14	0.29
2015-09-01	0.23	0.29	0.21	0.14	0.29
2015-08-31	0.22	0.28	0.20	0.14	0.28
2015-08-30	0.20	0.25	0.18	0.12	0.25
2015-08-29	0.20	0.27	0.18	0.12	0.25
2015-08-28	0.21	0.28	0.19	0.13	0.27
2015-08-27	0.19	0.23	0.17	0.12	0.23
2015-08-26	0.21	0.25	0.19	0.13	0.26
2015-08-25	0.20	0.25	0.18	0.12	0.25
2015-08-24	0.22	0.29	0.21	0.14	0.29
2015-08-23	0.22	0.28	0.20	0.13	0.28
2015-08-22	0.21	0.27	0.20	0.13	0.28
2015-08-21	0.22	0.30	0.21	0.14	0.30
2015-08-20	0.20	0.24	0.18	0.12	0.25
2015-08-19	0.13	0.18	0.12	0.08	0.17
2015-08-18	0.22	0.30	0.20	0.13	0.28
2015-08-17	0.22	0.27	0.20	0.14	0.28
2015-08-16	0.22	0.26	0.20	0.14	0.27
2015-08-15	0.24	0.29	0.22	0.15	0.30

2015-08-14	0.19	0.24	0.17	0.12	0.24
2015-08-13	0.25	0.32	0.23	0.15	0.32
2015-08-12	0.28	0.37	0.26	0.17	0.37
2015-08-11	0.29	0.38	0.27	0.18	0.38
2015-08-10	0.26	0.32	0.24	0.16	0.33
2015-08-08	0.27	0.34	0.25	0.17	0.35
2015-08-07	0.28	0.36	0.26	0.18	0.37
2015-08-06	0.30	0.39	0.28	0.19	0.39
2015-08-05	0.27	0.34	0.25	0.17	0.34
2015-08-04	0.09	0.11	0.08	0.05	0.10
2015-08-03	0.17	0.20	0.15	0.10	0.21
2015-08-02	0.16	0.20	0.15	0.10	0.20
2015-08-01	0.21	0.25	0.20	0.13	0.26
2015-07-31	0.17	0.20	0.16	0.10	0.21
2015-07-30	0.24	0.28	0.23	0.15	0.30
2015-07-29	0.25	0.29	0.23	0.15	0.31
2015-07-28	0.26	0.33	0.25	0.16	0.34
2015-07-27	0.25	0.30	0.24	0.16	0.32
2015-07-26	0.25	0.29	0.23	0.15	0.30
2015-07-25	0.25	0.28	0.23	0.15	0.30
2015-07-24	0.25	0.29	0.23	0.16	0.31
2015-07-23	0.26	0.30	0.24	0.16	0.32
2015-07-22	0.22	0.27	0.21	0.14	0.28
2015-07-21	0.21	0.25	0.20	0.13	0.26
2015-07-20	0.25	0.29	0.23	0.15	0.30
2015-07-19	0.25	0.29	0.23	0.15	0.31
2015-07-18	0.26	0.32	0.25	0.16	0.34
2015-07-17	0.26	0.31	0.24	0.16	0.33
2015-07-16	0.25	0.30	0.23	0.16	0.32
2015-07-15	0.25	0.29	0.23	0.15	0.31
2015-07-14	0.25	0.29	0.24	0.16	0.31
2015-07-13	0.26	0.30	0.24	0.16	0.32
2015-07-12	0.24	0.28	0.22	0.15	0.30
2015-07-11	0.25	0.30	0.24	0.16	0.32
2015-07-10	0.24	0.29	0.23	0.15	0.31
2015-07-09	0.18	0.22	0.17	0.11	0.22
2015-07-08	0.08	0.08	0.07	0.05	0.09
2015-07-07	0.12	0.15	0.11	0.07	0.15
2015-07-06	0.18	0.24	0.16	0.11	0.23
2015-07-05	0.24	0.28	0.22	0.15	0.30
2015-07-04	0.22	0.25	0.21	0.14	0.27
2015-07-03	0.18	0.20	0.17	0.11	0.21
2015-07-02	0.20	0.25	0.18	0.12	0.25
2015-07-01	0.25	0.30	0.23	0.15	0.32

MILL CREEK DOLOMITE WATER USAGE LOG  
3rd QUARTER 2015

3rd QUARTER 2015						
DATE	RAINFALL	Water Truck Miles			Calculated	
		START	END	MILES	Loads	Loads
Wednesday 7/1/2015	0					
Thursday 7/2/2015	0					
Friday 7/3/2015	1.3					
Saturday 7/4/2015	3.0					
Sunday 7/5/2015	0					
Monday 7/6/2015	0					
Tuesday 7/7/2015	0					
Wednesday 7/8/2015	3.75					
Thursday 7/9/2015	0					
Friday 7/10/2015	0					
Saturday 7/11/2015	0					
Sunday 7/12/2015	0					
Monday 7/13/2015	0					
Tuesday 7/14/2015	0					
Wednesday 7/15/2015	0					
Thursday 7/16/2015	0					
Friday 7/17/2015	0					
Saturday 7/18/2015	0					
Sunday 7/19/2015	0					
Monday 7/20/2015	0					
Tuesday 7/21/2015	0					
Wednesday 7/22/2015	0					
Thursday 7/23/2015	0					
Friday 7/24/2015	0					
Saturday 7/25/2015	0					
Sunday 7/26/2015	0					
Monday 7/27/2015	0					
Tuesday 7/28/2015	0					
Wednesday 7/29/2015	0					
Thursday 7/30/2015	0	70794	70838	44	5.5	
Friday 7/31/2015	0	70838	70845	7	0.875	
Saturday 8/1/2015	0					
Sunday 8/2/2015	0					
Monday 8/3/2015	0					
Tuesday 8/4/2015	0.10					
Wednesday 8/5/2015	0					
Thursday 8/6/2015	0					
Friday 8/7/2015	0					
Saturday 8/8/2015	0					
Sunday 8/9/2015	0					
Monday 8/10/2015	0	70845	70882	37	4.625	
Tuesday 8/11/2015	0	70882	70893	11	1.375	
Wednesday 8/12/2015	0					

Water Truck Summary		
Loads	Gallons	
1	4,500	
3rd Quarter totals	65.8	295875

WELL				
DATE	WK	Meter Reading	Ag Lime HRS.	Ag Lime RAN
7/6/15	27	11027	0.0	0.0
7/13/15	28	11027	0.0	0.0
7/20/15	29	11027	0.0	0.0
7/27/15	30	11027	0.0	0.0
8/3/15	31	11027	0.0	0.0
8/10/15	32	11027	0.0	0.0
8/17/15	33	11027	0.0	0.0
8/24/15	34	11034	7.0	7.0
8/31/15	35	11040	6.0	6.0
9/1/15	36	11046	6.0	6.0
9/11/15	37	11055	9.0	9.0
9/18/15	38	11062	7.0	7.0
9/25/15	39	11062	0.0	0.0
3rd Quarter Total			35.0	35.0
Total gallons ( @ 476.47/hr)				16676

3rd QUARTER TOTAL GROUNDWATER USAGE (gallons) 312551

Day/Date	Wk#	MCD Rainfall Measure ment	Sulphur Mesonet	Tishomingo Mesonet
Monday, June 29, 2015		0	0.01	0.43
Tuesday, June 30, 2015		1.15	0	0
Wednesday, July 01, 2015		0	0	0
Thursday, July 02, 2015		0	0.08	0
Friday, July 03, 2015		1.3	5.57	2.24
Saturday, July 04, 2015		3.0	0.06	0.41
Sunday, July 05, 2015		0	0	0
Totals	27	5.45	5.72	3.08
Monday, July 06, 2015		0	0	0
Tuesday, July 07, 2015		0	2.87	0.68
Wednesday, July 08, 2015		3.75	4.01	4.71
Thursday, July 09, 2015		0	0.03	0.3
Friday, July 10, 2015		0	0	0
Saturday, July 11, 2015		0	0	0
Sunday, July 12, 2015		0	0	0
Totals	28	3.75	6.91	5.69
Monday, July 13, 2015		0	0	0
Tuesday, July 14, 2015		0	0	0
Wednesday, July 15, 2015		0	0	0
Thursday, July 16, 2015		0	0	0
Friday, July 17, 2015		0	0	0
Saturday, July 18, 2015		0	0	0
Sunday, July 19, 2015		0	0	0
Totals	29	0	0	0
Monday, July 20, 2015		0	0	0
Tuesday, July 21, 2015		0	0.07	0
Wednesday, July 22, 2015		0	0.21	0.04
Thursday, July 23, 2015		0	0	0
Friday, July 24, 2015		0	0	0
Saturday, July 25, 2015		0	0	0
Sunday, July 26, 2015		0	0	0
Totals	30	0	0.28	0.04
Monday, July 27, 2015		0	0	0
Tuesday, July 28, 2015		0	0	0
Wednesday, July 29, 2015		0	0	0
Thursday, July 30, 2015		0	0	0
Friday, July 31, 2015		0	0	0
Saturday, August 01, 2015		0	0	0
Sunday, August 02, 2015		0	0	0
Totals	31	0	0	0
Monday, August 03, 2015		0	0	0.03
Tuesday, August 04, 2015		0.1	0.19	0.03

Wednesday, August 05, 2015		0	0	0
Thursday, August 06, 2015		0	0	0
Friday, August 07, 2015		0	0	0
Saturday, August 08, 2015		0	0	0
Sunday, August 09, 2015		0	0	0
Totals	32	0.1	0.19	0.06
Monday, August 10, 2015		0	0	0
Tuesday, August 11, 2015		0	0	0
Wednesday, August 12, 2015		0	0	0
Thursday, August 13, 2015		0	0	0
Friday, August 14, 2015		0	0	0
Saturday, August 15, 2015		0	0	0
Sunday, August 16, 2015		0	0	0
Totals	33	0	0	0
Monday, August 17, 2015		0	0	0
Tuesday, August 18, 2015		0	0	0
Wednesday, August 19, 2015		0.13	0.06	0.13
Thursday, August 20, 2015		0	0.01	0
Friday, August 21, 2015		0	0	0
Saturday, August 22, 2015		0	0	0
Sunday, August 23, 2015		0	0	0
Totals	34	0.13	0.07	0.13
Monday, August 24, 2015		0	0	0
Tuesday, August 25, 2015		0	0	0
Wednesday, August 26, 2015		0	0	0
Thursday, August 27, 2015		0	0	0
Friday, August 28, 2015		0	0	0
Saturday, August 29, 2015		0	0	0
Sunday, August 30, 2015		0	0	0
Totals	35	0	0	0
Monday, August 31, 2015		0	0	0
Tuesday, September 01, 2015		0	0	0
Wednesday, September 02, 2015		0	0	0
Thursday, September 03, 2015		0	0	0
Friday, September 04, 2015		0	0	0
Saturday, September 05, 2015		0	0	0
Sunday, September 06, 2015		0	0	0
Totals	36	0	0	0
Monday, September 07, 2015		0	0	0
Tuesday, September 08, 2015		1.2	1.22	0.29
Wednesday, September 09, 2015		0.4	0.31	0.37
Thursday, September 10, 2015		0	0.01	0
Friday, September 11, 2015		0	0	0
Saturday, September 12, 2015		0	0	0
Sunday, September 13, 2015		0	0	0
Totals	37	1.6	1.54	0.66
Monday, September 14, 2015		0	0	0

Tuesday, September 15, 2015		0	0	0
Wednesday, September 16, 2015		0	0	0
Thursday, September 17, 2015		0	0	0
Friday, September 18, 2015		0	0	0
Saturday, September 19, 2015		0.4	0.96	0.24
Sunday, September 20, 2015		0.5	0.87	0.31
Totals	38	0.9	1.83	0.55
Monday, September 21, 2015		0	0	0
Tuesday, September 22, 2015		0	0	0
Wednesday, September 23, 2015		0	0	0
Thursday, September 24, 2015		0	0	0
Friday, September 25, 2015		0	0	0
Saturday, September 26, 2015		0	0	0
Sunday, September 27, 2015		0	0	0
Totals	39	0	0	0
Monday, September 28, 2015		0	0	0
Tuesday, September 29, 2015		0	0	0
Wednesday, September 30, 2015		0	0	0

DEWATER

**QUARRY DEWATER & CREEK MAKE-UP WATER**

DATE	WK	PU-19 QA		PU-18 QB		PU-04 Big		PU-03 Little		PU-21 AG-Lime	
		65HP Meter Reading	HRS. RAN	35HP Meter Reading	HRS. RAN	Meter	Hrs. Ran	Meter	Hrs.	Meter	Hrs.
7/6/15	27	4052.0	104.7	3250.0	170.0	4914.0	167.0	1279.0	0.0	11027.0	0.0
7/13/15	28	4052.0	74.2	3418.0	168.0	5059.0	145.0	1279.0	0.0	11027.0	0.0
7/20/15	29	4052.0	6.7	3588.0	170.0	5210.0	151.0	1279.0	0.0	11027	0.0
7/27/15	30	4069.0	17.0	3651.0	63.0	5340.0	130.0	1279.0	0.0	11027	0.0
			202.6		571.0		593.0		0.0		0.0
8/3/15	31	4106.0	37.0	3717.0	66.0	5489.0	149.0	1279.0	0.0	11027	0.0
8/10/15	32	4126.0	20.0	3782.0	65.0	5512.0	23.0	1279.0	0.0	11027	0.0
8/17/15	33	4147.0	21.0	3827.0	45.0	5554.0	65.0	1279.0	0.0	11027	0.0
8/24/15	34	4173.0	26.0	3895.0	68.0	5601.0	89.0	1279.0	0.0	11027	0.0
8/31/15	35	4192.0	19.0	3944.0	49.0	5614.0	60.0	1279.0	0.0	11027	0.0
			123.0		293.0		386.0		0.0		0.0
9/1/15	36	4202.0	10.0	4014.0	70.0	5674.0	60.0	1279.0	0.0	11040.0	13.0
9/11/15	37	4224.0	22.0	4037.0	23.0	5753.0	79.0	1279.0	0.0	11055.0	15.0
9/18/15	38	4248.0	24.0	4148.0	111.0	5789.0	36.0	1279.0	0.0	11062.0	7.0
9/25/15	39	4269.7	21.7	4238.6	90.6	5854.4	65.4	1279.0	0.0	11062.0	0.0
			77.7		294.6		240.4		0.0		35.0