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NOV 14 2019

Oklahoma Water Resources Board

November 12, 2019

Oklahoma Water Resources Board
Planning and Management Division
3800 North Classen Boulevard
Oklahoma City, OK 73118-2855

RE: Arbuckle-Simpson Pit Water Report

Dear Mr. Cogburn:

Enclosed please find US Silica's Pit Water Report for third quarter 2019.

Also enclosed is supporting documentation used in the calculation of US Silica's current ground water right of 782 acre-feet per year.

Please contact me at matthews@ussilica.com or (580) 618-1421 if there are questions.

Best regards,

George W. Matthews
Plant Manager

CC: Monty Tolbert, USS, Mill Creek
David Olchawa, USS Corp.

P O. Box 36, 4800 State Highway 1 North, Mill Creek, OK 74856-0036

phone (800) 445-3950 (580) 384-5241 fax (580) 384-5216 web
www.ussilica.com

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TYPE OF REPORT
REPORTING PERIOD

QUARTERLY
 QUARTER ENDING **September 30, 2019**

ANNUAL
 YEAR ENDING **ENDING** Oklahoma Water Resources Board

COMPANY NAME	US Silica Company
ADDRESS	PO Box 36 4800 Highway 1 North Mill Creek, OK 74856

FACILITY	Mill Creek Mine
COUNTY	Johnston

WATER RIGHT INFORMATION

SOURCE	1190	Arbuckle Simpson
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GROUND WATER PERMIT NUMBER	1974-266	
PERMITTED VOLUME	782	ACRE-FEET PER YEAR *
PERMIT STATUS	<input checked="" type="checkbox"/> PERMANENT	<input type="checkbox"/> TEMPORAR

* Permitted volume includes additional water rights owned and leased applied to MEPS

STREAM WATER PERMIT NUMBER	1973-412	
PERMITTED VOLUME	43	ACRE-FEET PER YEAR
PERMIT STATUS	<input checked="" type="checkbox"/> PERMANENT	<input type="checkbox"/> TEMPORAR

ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Total water diverted from the pit		1,022
Surface water entering the pit		52
Groundwater entering the pit		970
Groundwater diverted from the pit		970
	Returned to a mine pit or holding basin	0
	Returned to the land surface from which runoff flows into a mine pit	0
	Returned to the groundwater basin by recharge	642
	Discharged to a definite stream for credit	215
	Driven off the mined material by drying	16
	Evaporated from the active mine pit	3
Total consumptive use of mine pit water		-17

* All volumes measured or reasonably estimated

George W. Matthews
Signature of Water Right Holder or Authorized Agent

11/12/2019
Date

PRINTED NAME	George W. Matthews
TITLE	Plant Manager
TELEPHONE	(580) 384-5241 x3015

**US SILICA COMPANY
MILL CREEK OPERATIONS**

WATER RIGHT SUMMARY

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**NORTH PLANT
OWNED**

							Oklahoma Water Resources Board	Tract Acres	Water Right Acres	Water Right a-f
Name	Acres	T - R	Section							
Gist	80	1S-4E	10	E 1/2	SE 1/4					
Gist	20	1S-4E	10	E 1/2	NE 1/4	SE 1/4				
Gist	20	1S-4E	10	E 1/2	SW 1/4	SE 1/4	120.0			
Johnson	40	1S-4E	10	SE 1/4	SW 1/4					
Johnson	40	1S-4E	10	NE 1/4	SW 1/4					
Johnson	20	1S-4E	10	W 1/2	NW 1/4	SW 1/4				
Johnson	10	1S-4E	10	NE 1/4	NW 1/4	SW 1/4				
Johnson	10	1S-4E	10	SE 1/4	NW 1/4	SW 1/4				
Johnson	20	1S-4E	10	W 1/2	NW 1/4	SE 1/4				
Johnson	20	1S-4E	10	W 1/2	SW 1/4	SE 1/4	160.0			
Deeded to Long	(190)	1S-4E	10	all unmined acres in Section 10			(190.0)			
Freeze	74	1S-4E	11	S 1/2	SW 1/4	irregular shape	74.0			
Hampton	139	1S-4E	14	N 1/2	NE 1/4	irregular shape	139.0			
Helvey	80	1S-4E	14	W 1/2	NW 1/4					
Helvey	40	1S-4E	14	W 1/2	E 1/2	NW 1/4				
Helvey	80	1S-4E	14	W 1/2	SW 1/4					
Helvey	40	1S-4E	14	W 1/2	E 1/2	SW 1/4				
Helvey	10	1S-4E	14	NE 1/4	NE 1/4	SW 1/4				
Helvey	80	1S-4E	14	E 1/2	SW 1/4					
Helvey	40	1S-4E	14	E 1/2	W 1/2	SE 1/4				
Helvey	20	1S-4E	14	E 1/2	SW 1/4	NE 1/4				
Helvey	20	1S-4E	14	W 1/2	SE 1/4	NE 1/4				
Helvey	10	1S-4E	14	SE 1/4	SE 1/4	NE 1/4				
Helvey	10	1S-4E	14	NW 1/4	NW 1/4	SE 1/4	430.0			
Campbell	20	1S-4E	15	S 1/2	NW 1/4	SE 1/4				
Campbell	40	1S-4E	15	SW 1/4	SE 1/4					
Campbell	20	1S-4E	15	W 1/2	SE 1/4	SE 1/4	80.0			
Gist	80	1S-4E	15	E 1/2	NW 1/4					
Gist	20	1S-4E	15	N 1/2	NW 1/4	NE 1/4	100.0			
Helvey	40	1S-4E	15	NE 1/4	NE 1/4					
Helvey	80	1S-4E	15	S 1/2	NE 1/4					
Helvey	20	1S-4E	15	S 1/2	NW 1/4	NE 1/4				
Helvey	20	1S-4E	15	N 1/2	NW 1/4	SE 1/4	160.0			
Reynolds	40	1S-4E	15	NE 1/4	SE 1/4					
Reynolds	20	1S-4E	15	E 1/2	SE 1/4	SE 1/4	60.0			
Stinson	80	1S-4E	15	N 1/2	SW 1/4					
Stinson	20	1S-4E	15	N 1/2	N 1/2	S 1/2	SW 1/2			
Stinson	5	1S-4E	15	E 1/2	SE 1/4	SE 1/4	SW 1/4			
Stinson	3	1S-4E	15	SE 1/4	NE 1/4	SE 1/4	SW 1/4	108.0		
Long	26	1S-4E	15	NW 1/4	NW 1/4		26.3			
Campbell	40	1S-4E	22	NW 1/4	NE 1/4					
Campbell	20	1S-4E	22	W 1/2	NE 1/4	NE 1/4				
Campbell	10	1S-4E	22	NW 1/4	SE 1/4	NE 1/4				
Campbell	10	1S-4E	22	NE 1/4	SW 1/4	NE 1/4	80.0			
Helvey	160	1S-4E	23	NW 1/4			160.0			
Reynolds	20	1S-4E	23	E 1/2	NE 1/4	NE 1/4	20.0			
NORTH PLANT OWNED TOTALS							1527.3	1527.3	305.5	

**US SILICA COMPANY
MILL CREEK OPERATIONS**

WATER RIGHT SUMMARY

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**SOUTH PLANT
OWNED**

Oklahoma Water Resources Board

Name	Acres	T - R	Section									
Lots 1 & 2	160	2S-5E	6	NE 1/4								
Lots 1 & 2	19	2S-5E	6	S 1/2	NE 1/4	NW 1/4						
Lots 3 & 4	20	2S-5E	6	N 1/2	NE 1/4	NW 1/4						
Lots 3 & 4	10	2S-5E	6	NE 1/4	NW 1/4	NW 1/4						
Lots 3 & 4	20	2S-5E	6	S 1/2	NW 1/4	NW 1/4						
Lot 5	40	2S-5E	6	SE 1/4	NW 1/4							
Lot 5	25	2S-5E	6	SW 1/4	NW 1/4							
Lot 6	40	2S-5E	6	NE 1/4	SW 1/4							
Lot 6	26	2S-5E	6	NW 1/4	SW 1/4							
Clement	12	2S-5E	6	N 1/2	N 1/2	N 1/2	SE 1/4					
SOUTH PLANT OWNED TOTALS										372.0	372.0	74.4

**HICKORY
OWNED**

Name	Acres	T - R	Section									
Byers	80	1N-4E	11	W 1/2	NW 1/4							
Byers	40	1N-4E	11	SW 1/4	NW 1/4							
Byers	10	1N-4E	11	SW 1/4	NE 1/4	NW 1/4						
Byers	10	1N-4E	11	NW 1/4	NE 1/4	SW 1/4						
Byers	40	1N-4E	11	SE 1/4	NE 1/4							
Byers	20	1N-4E	11	E 1/2	NW 1/4	NE 1/4						
Byers	19	1N-4E	11	W 1/2	NE 1/4	NE 1/4						
Byers	20	1N-4E	11	N 1/2	NW 1/4	SE 1/4						
Dodd	40	1N-4E	11	E 1/2	E 1/2	SE 1/4						
Dodd	26	1N-4E	14	NW 1/4	NE 1/4							
HICKORY OWNED TOTALS										305.0	305.0	61.0

REC

**US SILICA COMPANY
MILL CREEK OPERATIONS**

WATER RIGHT SUMMARY

NOV 14 11/11/2019

**HICKORY
LEASED**

Oklahoma Water Resources Board

Name	Acres	T - R	Section							
Jones 1	320	1N-3E	1	E 1/2				320.0	320.0	64.0
Jones 1	80	1N-3E	1	S 1/2	SW 1/4			80.0	80.0	16.0
Jones 1	20	1N-3E	1	S 1/2	SE 1/4	NW 1/4		20.0	20.0	4.0
Jones 1	40	1N-3E	1	NE 1/4	SW 1/4			40.0	40.0	8.0
Jones 1	160	1N-3E	12	N 1/2	N 1/2			160.0	160.0	32.0
Jones 1	40	2N-3E	36	SW 1/4	SW 1/4			40.0	40.0	8.0
Jones 1	20	2N-3E	36	W 1/2	SE 1/4	SW 1/4		20.0	20.0	4.0
Jones 1	10	2N-3E	36	NE 1/4	SE 1/4	SW 1/4		10.0	10.0	2.0
Jones 2	40	1N-3E	11	SW 1/4	SE 1/4			40.0	40.0	8.0
Jones 2	20	1N-3E	11	W 1/2	NW 1/4	SE 1/4		20.0	20.0	4.0
Jones Lease Total	750							750.0	750.0	150.0

Byers 1	80	1N-4E	17	W 1/2	SE 1/4					
Byers 1	40	1N-4E	17	SW 1/4	NE 1/4			120.0	120.0	24.0
Byers 2	160	1N-4E	15	NW 1/4				160.0	160.0	32.0
Byers 3	18	1N-4E	10	SW 1/2	SW 1/4			17.5	17.5	3.5
Byers 4	160	1N-4E	16	NE 1/4				160.0	160.0	32.0
Byers 5	39	1N-4E	11	NW 1/4	SW 1/4					
Byers 5	10	1N-4E	11	SW 1/4	NE 1/4	SW 1/4		49.0	49.0	9.8
Byers 6	41	1N-4E	10	SE 1/2	SE 1/4			41.0	10.3	2.1
Byers 7	35	1N-4E	10	SE 1/4				35.4	8.9	1.8
Byers 8	160	1N-4E	9	SE 1/4						
Byers 8	40	1N-4E	10	SW 1/4	SW 1/4			200.0	100.0	20.0
Byers 9A	20	1N-4E	2	E 1/2	SE 1/4	SW 1/4				
Byers 9A	20	1N-4E	2	W 1/2	SW 1/4	SE 1/4				
Byers 9A	10	1N-4E	2	W 1/2	E 1/2	SW 1/4	SE 1/4			
Byers 9A	3	1N-4E	2	SE 1/4	SE 1/4	SW 1/4	SE 1/4			
Byers 9A	40	1N-4E	2	W 1/2	W 1/2	NE 1/4				
Byers 9A	20	1N-4E	2	W 1/2	NW 1/4	SE 1/4				
Byers 9A	40	1N-4E	2	E 1/2	W 1/2	SW 1/4				
Byers 9A	40	1N-4E	2	W 1/2	E 1/2	SW 1/4				
Byers 9A	10	1N-4E	2	SE 1/4	NE 1/4	SW 1/4		202.5	101.3	20.3
Byers 9B	20	1N-4E	3	S 1/2	SE 1/4	NE 1/4				
Byers 9B	80	1N-4E	3	E 1/2	SE 1/4					
Byers 9B	10	1N-4E	3	SE 1/4	SW 1/4	SE 1/4				
Byers 9B	40	1N-4E	3	W 1/2	W 1/2	SE 1/4				
Byers 9B	20	1N-4E	3	E 1/2	NW 1/4	SE 1/4				
Byers 9B	10	1N-4E	3	NE 1/4	SW 1/4	NE 1/4		180.0	90.0	18.0
Byers 9C	160	1N-4E	10	NE 1/4				160.0	80.0	16.0
Byers 9D	114	1N-4E	10	S 1/2				114	57.1	11.4
Byers Lease Total								1,439.7	954.0	190.8

US Silica Total Groundwater Right **Acre-Feet 781.7**

Joseph Mantua 11/12/2019