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OCT 01 2024

OKLAHOMA WATER  
RESOURCES BOARD

September 23, 2024

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

Attn: Matt Cogburn

**RE: Arbuckle-Simpson Pit Water Report**

Dear Mr. Cogburn,

Enclosed please find US Silica's Pit Water Report for second quarter 2024. Also enclosed is the Outfall 006 Water Discharge Report for the month of April in which we claimed stream augmentation credit.

Jason Quigley is no longer with US Silica. Please contact me at [nunn@ussilica.com](mailto:nunn@ussilica.com) or (580) 371-8765 if there are questions concerning the report.

Best regards,

John Nunn  
Acting Plant Manager

CC: David Olchawa, US Silica

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](http://www.ussilica.com)

**PIT WATER MONITORING AND USAGE REPORT**

TYPE OF REPORT	<input checked="" type="checkbox"/> QUARTERLY	<input type="checkbox"/> ANNUAL
REPORTING PERIOD	QUARTER ENDING <u>June 30, 2024</u>	YEAR ENDING _____

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

**WATER RIGHT INFORMATION**

SOURCE	1190	Arbuckle Simpson
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GROUND WATER PERMIT NUMBER	1974-266
PERMITTED VOLUME	70.4 Acre-Feet

GW RIGHTS	OWNED GROUNDWATER RIGHTS	436	Acre-Feet
	LEASED GROUNDWATER RIGHTS	341	Acre-Feet
	TOTAL MEPS	777	Acre-Feet

STREAM WATER PERMIT NUMBER	1973-412
PERMITTED VOLUME	43 Acre-Feet

ACCUMULATION OF PIT WATER	Acre-Feet
Total water diverted from the pit	650
Surface water entering the pit	135
Groundwater entering the pit	515

DISPOSITION OF PIT WATER	Acre-Feet
Groundwater diverted from the pit	515
Returned to a mine pit or holding basin	0
Returned to the land surface from which runoff flows into a mine pit	0
Driven off the mined material by drying	14
Evaporated from the active mine pit	39
Other consumptive usage	37
Groundwater augmentation credit	414
Discharged to a definite stream for credit	11

Total consumptive use of mine pit water	90
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Signature of Water Right Holder or Authorized Agent	
PRINTED NAME	John Nunn
TITLE	Acting Plant Manager
TELEPHONE	(580) 371-8765

Date 9-30-24



**U.S. Silica Mill Creek Plant**

**Discharge Log**

**Out Fall 006**

**Apr-24**

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RESOURCES BOARD

Day	Time 24 hr Clock	Gate Open/ Closed	Dis charge Depth Inches	Dis charge Rate (CFS)	Dis charge Rate (MGD)	Daily Dischg (Ac-Ft)	Mill Creek Flow Rate (CFS)	Stream Aug- ment Credit (Ac-Ft)	Gist Guage Rod Feet	Johnson Guage Rod Feet
1	11:30	Open	0	0	0	0.00	4.85	0.00	4.20	2.60
2		Open	0	0	0	0.00	4.72	0.00	4.20	2.60
3	8:23	Open	2	0.701	0.453	1.39	4.88	0.00	4.20	2.50
4		Open	2	0.701	0.453	1.39	4.78	0.00	4.20	2.50
5	7:31	Open	3	1.249	0.807	2.48	4.61	0.00	4.20	2.60
6		Open	3	1.249	0.807	2.48	2.58	2.48	4.20	2.60
7		Open	3	1.249	0.807	2.48	3.25	2.48	4.20	2.60
8	12:24	Open	1	0.226	0.146	0.45	2.68	0.45	4.10	2.50
9		Open	1	0.226	0.146	0.45	8.68	0.00	4.10	2.50
10		Open	1	0.226	0.146	0.45	47.60	0.00	4.10	2.50
11	10:34	Open	6	3.532	2.283	7.01	27.40	0.00	4.10	2.90
12	11:55	Open	4	1.894	1.224	3.76	10.20	0.00	4.10	2.70
13		Open	4	1.894	1.224	3.76	7.24	0.00	4.10	2.70
14		Open	4	1.894	1.224	3.76	7.96	0.00	4.10	2.70
15	13:50	Open	7	4.413	2.852	8.75	9.58	0.00	4.10	2.90
16		Open	7	4.413	2.852	8.75	9.51	0.00	4.10	2.90
17	15:58	Open	3	1.249	0.807	2.48	6.52	0.00	4.20	2.60
18	14:23	Open	2	0.701	0.453	1.39	4.99	0.00	4.20	2.50
19		Open	2	0.701	0.453	1.39	3.89	1.39	4.20	2.50
20		Open	2	0.701	0.453	1.39	4.13	1.39	4.20	2.50
21		Open	2	0.701	0.453	1.39	3.57	1.39	4.20	2.50
22	13:45	Open	1	0.226	0.146	0.45	3.13	0.45	4.20	2.50
23		Open	1	0.226	0.146	0.45	2.84	0.45	4.20	2.50
24		Open	1	0.226	0.146	0.45	2.84	0.45	4.20	2.50
25		Open	1	0.226	0.146	0.45	2.70	0.45	4.20	2.50
26	14:45	Open	2	0.701	0.453	1.39	48.50	0.00	4.20	2.60
27		Open	2	0.701	0.453	1.39	46.60	0.00	4.20	2.60
28		Open	2	0.701	0.453	1.39	2,400.00	0.00	4.20	2.60
29	13:00	Open	16	15.322	9.903	30.39	309.00	0.00	4.20	3.50
30		Open	16	15.322	9.903	30.39	265.00	0.00	4.20	3.50
31		Open				0.00		0.00		
					39.792	122.1		11.36		