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OKLAHOMA WATER
RESOURCES BOARD

June 17, 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 first quarter 2024. Also enclosed are the water discharge reports for the months in which we claimed stream augmentation credits.

Please contact me at quigley@ussilica.com or (580) 371-5254 if there are questions.

Best regards,

Jason Quigley
Plant Manager

CC: David Olchawa, US Silica
Wes Penn, US Silica
Keith Blank, 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

PIT WATER MONITORING AND USAGE REPORT

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

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						579
Surface water entering the pit						26
Groundwater entering the pit						553

DISPOSITION OF PIT WATER						Acre-Feet
Groundwater diverted from the pit						553
	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					22
	Other consumptive usage					-36
Groundwater augmentation credit						552
Discharged to a definite stream for credit						1

Total consumptive use of mine pit water	0
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Signature of Water Right Holder or Authorized Agent

PRINTED NAME	Jason Quigley
TITLE	Regional Plant Manager
TELEPHONE	(580) 371-5254

Date 6/17/24

U.S. Silica Mill Creek Plant

Discharge Log

Out Fall 006

Jan-24

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		Open	0	0	0	0.00	4.73	0.00	4.10	2.40
2	10:45	Open	0	0	0	0.00	4.76	0.00	4.10	2.40
3		Open	0	0	0	0.00	5.02	0.00	4.10	2.40
4		Open	0	0	0	0.00	6.06	0.00	4.10	2.40
5		Open	0	0	0	0.00	10.00	0.00	4.10	2.40
6	16:00	Open	0	0	0	0.00	7.43	0.00	4.10	2.30
7		Open	0	0	0	0.00	4.75	0.00	4.10	2.30
8	12:49	Open	0	0	0	0.00	7.34	0.00	4.10	2.40
9	8:30	Open	0	0	0	0.00	10.30	0.00	4.10	2.40
10		Open	0	0	0	0.00	7.64	0.00	4.10	2.40
11	13:30	Open	2	0.701	0.453	1.39	6.25	0.00	4.00	2.60
12	11:53	Open	2	0.701	0.453	1.39	9.25	0.00	4.10	2.60
13		Open	2	0.701	0.453	1.39	9.53	0.00	4.10	2.60
14		Open	2	0.701	0.453	1.39	9.70	0.00	4.10	2.60
15	15:20	Open	1	0.226	0.146	0.45	9.90	0.00	4.20	2.50
16		Open	1	0.226	0.146	0.45	6.40	0.00	4.20	2.50
17	8:05	Open	1	0.226	0.146	0.45	4.46	0.00	4.20	2.50
18		Open	1	0.226	0.146	0.45	6.74	0.00	4.20	2.50
19		Open	1	0.226	0.146	0.45	2.40	0.45	4.20	2.50
20		Open	1	0.226	0.146	0.45	4.33	0.00	4.20	2.50
21	8:00	Open	0	0	0	0.00	2.08	0.00	4.20	2.40
22		Open	0	0	0	0.00	5.46	0.00	4.20	2.40
23		Open	0	0	0	0.00	5.10	0.00	4.20	2.40
24		Open	0	0	0	0.00	5.55	0.00	4.20	2.40
25		Open	0	0	0	0.00	4.75	0.00	4.20	2.40
26	15:25	Open	0	0	0	0.00	5.97	0.00	4.10	2.30
27		Open	0	0	0	0.00	13.90	0.00	4.10	2.30
28		Open	0	0	0	0.00	7.44	0.00	4.10	2.30
29	7:50	Open	1	0.226	0.146	0.45	2.29	0.45	4.10	2.50
30		Open	1	0.226	0.146	0.45	2.29	0.45	4.10	2.50
31	7:55	Open	4	1.894	1.224	3.76	5.73	0.00	4.20	2.70
					4.204	12.9		1.34		