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MAR 12 2020

Oklahoma Water Resources Board

March 9, 2020

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

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

Enclosed please find US Silica's Pit Water Report for fourth quarter 2019 and the annual report for 2019.

The permitted groundwater volume of 777 acre-feet per year is based on a recently completed itemization of the total owned and leased acreage over the Arbuckle Simpson Aquifer. This information will be provided under separate cover.

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

Best regards,

George W. Matthews  
Plant Manager

CC: David Olchawa, US Silica  
Wes Penn, 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)

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# PIT WATER MONITORING AND USAGE REPORT

Oklahoma Water Resources Board

TYPE OF REPORT	<input checked="" type="checkbox"/> QUARTERLY	<input type="checkbox"/> ANNUAL
REPORTING PERIOD	QUARTER ENDING December 31, 2019	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	777	ACRE-FEET PER YEAR *
PERMIT STATUS	<input checked="" type="checkbox"/> PERMANENT	<input type="checkbox"/> TEMPORARY

\* 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"/> TEMPORARY

ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Total water diverted from the pit		894
Surface water entering the pit		90
Groundwater entering the pit		804
Groundwater diverted from the pit		804
	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	493
	Discharged to a definite stream for credit	5
	Driven off the mined material by drying	10
	Evaporated from the active mine pit	10
Total consumptive use of mine pit water		-15

\* All volumes measured or reasonably estimated

Signature of Water Right Holder or Authorized Agent  Date 3/9/2020

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



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ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Total water diverted from the pit		3,953
Surface water entering the pit		223
Groundwater entering the pit		3,729
Groundwater diverted from the pit		3,729
	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	2,711
	Discharged to a definite stream for credit	227
	Driven off the mined material by drying	60
	Evaporated from the active mine pit	16
Total consumptive use of mine pit water		-207

\* All volumes measured or reasonably estimated

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

*3/9/2020*  
 Date

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