

January 24, 2014

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

**RE: Arbuckle-Simpson Quarterly and Annual Pit Water Reports**

Enclosed please find US Silica's Pit Water Reports for the following periods.

- Quarterly report for the quarter ending December 31, 2013
- Annual report for the year ending December 31, 2013
- Quarterly report for the quarter ending March 31, 2013 (Revised)
- Quarterly report for the quarter ending June 30, 2013 (Revised)
- Quarterly report for the quarter ending September 31, 2013 (Revised)

The revised reports were necessitated by refinements made to correct inconsistencies discovered during the preparation of the annual report.

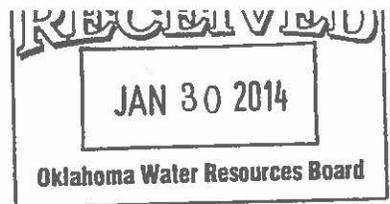
Best regards,

George W. Matthews  
Plant Manager

**CC: David Clauson, USS, Chicago**

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 <b>December 31, 2013</b>	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

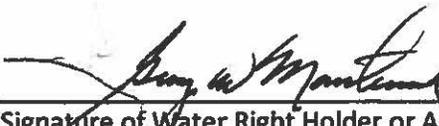
SOURCE	1190	Arbuckle Simpson
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GROUND WATER PERMIT NUMBER	1974-266		
PERMITTED VOLUME	703	ACRE-FEET PER YEAR	
PERMIT STATUS	<input type="checkbox"/>	PERMANENT	<input checked="" type="checkbox"/> TEMPORARY

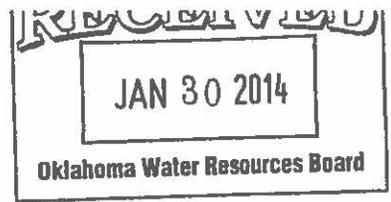
STREAM WATER PERMIT NUMBER	1973-412		
PERMITTED VOLUME	43	ACRE-FEET PER YEAR	
PERMIT STATUS	<input checked="" type="checkbox"/>	PERMANENT	<input type="checkbox"/> TEMPORARY

ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Groundwater entering the pit		742
Surface water entering the pit		20
Total water diverted from the pit		762
Disposition of water from the pit		
Driven off the mined material by drying		7
Evaporated from the active mine pit		0
Returned to the groundwater basin by recharge		507
Discharged to a definite stream		0
Returned to a mine pit or holding basin		169
Returned to the land surface from which runoff flows into a mine pit		0
Total consumptive use of mine pit water		66

\* All volumes measured or reasonably estimated


1/24/2014  
 \_\_\_\_\_  
 Signature of Water Right Holder or Authorized Agent Date

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



# PIT WATER MONITORING AND USAGE REPORT

TYPE OF REPORT
REPORTING PERIOD

QUARTERLY  
 QUARTER ENDING \_\_\_\_\_

ANNUAL  
 YEAR ENDING **December 31, 2013**

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	703	ACRE-FEET PER YEAR
PERMIT STATUS	<input type="checkbox"/>	PERMANENT <input checked="" type="checkbox"/> TEMPORARY

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

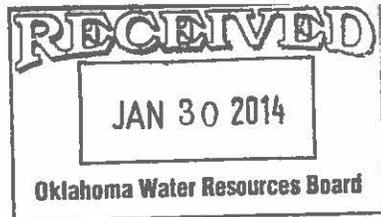
ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Groundwater entering the pit		3,525
Surface water entering the pit		46
Total water diverted from the pit		3,571
Disposition of water from the pit		
Driven off the mined material by drying		26
Evaporated from the active mine pit		0
Returned to the groundwater basin by recharge		2,866
Discharged to a definite stream		0
Returned to a mine pit or holding basin		245
Returned to the land surface from which runoff flows into a mine pit		0
Total consumptive use of mine pit water		414

\* All volumes measured or reasonably estimated

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

*1/24/2014*  
 Date

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



**PIT WATER MONITORING AND USAGE REPORT**

TYPE OF REPORT	<input checked="" type="checkbox"/> QUARTERLY	Revised	<input type="checkbox"/> ANNUAL
REPORTING PERIOD	QUARTER ENDING	March 31, 2013	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	703	ACRE-FEET PER YEAR	
PERMIT STATUS	<input type="checkbox"/>	PERMANENT	<input checked="" type="checkbox"/> TEMPORARY

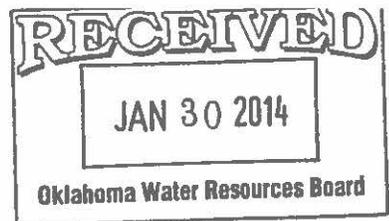
STREAM WATER PERMIT NUMBER	1973-412		
PERMITTED VOLUME	43	ACRE-FEET PER YEAR	
PERMIT STATUS	<input checked="" type="checkbox"/>	PERMANENT	<input type="checkbox"/> TEMPORARY

ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Groundwater entering the pit		926
Surface water entering the pit		0
Total water diverted from the pit		926
Disposition of water from the pit		
Driven off the mined material by drying		7
Evaporated from the active mine pit		0
Returned to the groundwater basin by recharge		858
Discharged to a definite stream		0
Returned to a mine pit or holding basin		38
Returned to the land surface from which runoff flows into a mine pit		0
Total consumptive use of mine pit water		30

\* All volumes measured or reasonably estimated

Signature of Water Right Holder or Authorized Agent: *George W. Matthews* Date: *1/24/2014*

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



# PIT WATER MONITORING AND USAGE REPORT

TYPE OF REPORT	<input checked="" type="checkbox"/> QUARTERLY	Revised	<input type="checkbox"/> ANNUAL
REPORTING PERIOD	QUARTER ENDING	June 30, 2013	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	703	ACRE-FEET PER YEAR	
PERMIT STATUS	<input type="checkbox"/>	PERMANENT	<input checked="" type="checkbox"/> TEMPORARY

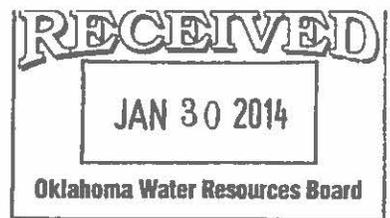
STREAM WATER PERMIT NUMBER	1973-412		
PERMITTED VOLUME	43	ACRE-FEET PER YEAR	
PERMIT STATUS	<input checked="" type="checkbox"/>	PERMANENT	<input type="checkbox"/> TEMPORARY

ACCUMULATION AND DISPOSITION OF PIT WATER		ACRE-FEET *
Groundwater entering the pit		987
Surface water entering the pit		26
Total water diverted from the pit		1,013
Disposition of water from the pit		
Driven off the mined material by drying		6
Evaporated from the active mine pit		0
Returned to the groundwater basin by recharge		889
Discharged to a definite stream		0
Returned to a mine pit or holding basin		44
Returned to the land surface from which runoff flows into a mine pit		0
Total consumptive use of mine pit water		54

\* All volumes measured or reasonably estimated

Signature of Water Right Holder or Authorized Agent: *George W. Matthews* Date: *1/24/2014*

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



# PIT WATER MONITORING AND USAGE REPORT

TYPE OF REPORT	<input checked="" type="checkbox"/> QUARTERLY	Revised	<input type="checkbox"/> ANNUAL
REPORTING PERIOD	QUARTER ENDING	September 30, 2013	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	703	ACRE-FEET PER YEAR	
PERMIT STATUS	<input type="checkbox"/>	PERMANENT	<input checked="" type="checkbox"/> TEMPORARY

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 *
Groundwater entering the pit		870
Surface water entering the pit		0
Total water diverted from the pit		870
Disposition of water from the pit		
	Driven off the mined material by drying	6
	Evaporated from the active mine pit	0
	Returned to the groundwater basin by recharge	612
	Discharged to a definite stream	0
	Returned to a mine pit or holding basin	-6
	Returned to the land surface from which runoff flows into a mine pit	0
Total consumptive use of mine pit water		264

\* All volumes measured or reasonably estimated

Signature of Water Right Holder or Authorized Agent: *George W. Matthews* Date: *1/24/2014*

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TITLE	Plant Manager
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