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

RE: Arbuckle-Simpson Pit Water Report


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

Best regards,

George W. Matthews  
Plant Manager

CC: Becky Kuykendall, USS, Berkeley Springs  
David Oichawa, USS, Ottawa
### PIT WATER MONITORING AND USAGE REPORT

**TYPE OF REPORT**
- [ ] QUARTERLY
- [X] ANNUAL

**REPORTING PERIOD**
- QUARTER ENDING
- YEAR ENDING December 31, 2018

**COMPANY NAME**
- US Silica Company

**ADDRESS**
- PO Box 36
- 4800 Highway 1 North
- Mill Creek, OK 74856

**FACILITY**
- Mill Creek Mine

**COUNTY**
- Johnston

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**WATER RIGHT INFORMATION**

<table>
<thead>
<tr>
<th>SOURCE</th>
<th>1190</th>
<th>Arbuckle Simpson</th>
</tr>
</thead>
</table>

**GROUND WATER PERMIT NUMBER**
- 1974-266

**PERMITTED VOLUME**
- 712 ACRE-FEET PER YEAR *

**PERMIT STATUS**
- PERMANENT

* 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**
- PERMANENT

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**ACCUMULATION AND DISPOSITION OF PIT WATER**

<table>
<thead>
<tr>
<th>Description</th>
<th>ACRE-FEET *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total water diverted from the pit</td>
<td>3,025</td>
</tr>
<tr>
<td>Surface water entering the pit</td>
<td>207</td>
</tr>
<tr>
<td>Groundwater entering the pit</td>
<td>2,819</td>
</tr>
<tr>
<td>Groundwater diverted from the pit</td>
<td>2,819</td>
</tr>
<tr>
<td>Returned to a mine pit or holding basin</td>
<td>0</td>
</tr>
<tr>
<td>Returned to the land surface from which runoff flows into a mine pit</td>
<td>0</td>
</tr>
<tr>
<td>Returned to the groundwater basin by recharge</td>
<td>1,273</td>
</tr>
<tr>
<td>Discharged to a definite stream for credit</td>
<td>408</td>
</tr>
<tr>
<td>Driven off the mined material by drying</td>
<td>72</td>
</tr>
<tr>
<td>Evaporated from the active mine pit</td>
<td>4</td>
</tr>
<tr>
<td>Total consumptive use of mine pit water</td>
<td>-495</td>
</tr>
</tbody>
</table>

* All volumes measured or reasonably estimated

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**Signature of Water Right Holder or Authorized Agent**

2/19/2019

**DATE**

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**PRINTED NAME**
- George W. Matthews

**TITLE**
- Plant Manager

**TELEPHONE**
- (580) 384-5241 x3015