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

July 24, 2018

RE: Arbuckle-Simpson Pit Water Report


Stream flow augmentation credits were calculated using USGS Mill Creek gauge flow data as a baseline. We were informed that the USGS had maintenance issues with this gauge during May and June, and a portion of the daily flow data is estimated. The basis for this estimation is unknown; however, the USGS indicated that the stream flow data for the period in question will likely be adjusted downward. Based on this, we reserve the right to modify this report at some future date.

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

Best regards,

[Signature]

George W. Matthews  
Plant Manager

CC: David Clauson, USS, Chicago
PIT WATER MONITORING AND USAGE REPORT

TYPE OF REPORT [ ] QUARTERLY [ ] ANNUAL
REPORTING PERIOD QUARTER ENDING June 30, 2018

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

FACILITY Mill Creek Mine
COUNTY Johnston

RECEIVED
JUL 27 2018
Oklahoma Water Resources Board

WATER RIGHT INFORMATION

SOURCE 1190 Arbuckle Simpson

GROUND WATER PERMIT NUMBER 1974-266
PERMITTED VOLUME 712 ACRE-FEET PER YEAR *
PERMIT STATUS [ ] PERMANENT [ ] 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 [ ] PERMANENT [ ] TEMPORARY

ACCUMULATION AND DISPOSITION OF PIT WATER

<table>
<thead>
<tr>
<th>Description</th>
<th>ACRE-FEET *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater entering the pit</td>
<td>656</td>
</tr>
<tr>
<td>Surface water entering the pit</td>
<td>31</td>
</tr>
<tr>
<td>Total water diverted from the pit</td>
<td>687</td>
</tr>
<tr>
<td>Disposition of water from the pit</td>
<td></td>
</tr>
<tr>
<td>Driven off the mined material by drying</td>
<td>19</td>
</tr>
<tr>
<td>Evaporated from the active mine pit</td>
<td>2</td>
</tr>
<tr>
<td>Returned to the groundwater basin by recharge</td>
<td>282</td>
</tr>
<tr>
<td>Discharged to a definite stream</td>
<td>84</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>Total consumptive use of mine pit water</td>
<td>70</td>
</tr>
</tbody>
</table>

* All volumes measured or reasonably estimated

Signature of Water Right Holder or Authorized Agent 7/24/2018

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