

# MILL CREEK DOLOMITE, LLC

*Via FedEx*

March 17, 2023

Kent Wilkins, Assistant Chief  
Planning and Management Division  
Oklahoma Water Resources Board  
3800 N. Classen Blvd.  
Oklahoma City, OK 73118

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Oklahoma Water Resources Board

Re: *2022 Annual Consumptive Use of Pit Water*  
*Mill Creek Dolomite, LLC – Mill Creek Quarry*

Mr. Wilkins:

Please see attached the 2022 water report for Mill Creek Dolomite, LLC as required under Oklahoma Statute 82-1020.2(E)(1) and Oklahoma Administrative Code 785:30-15. We are also enclosing the \$500 check for administrative review of this annual report, per OAC 785:5-1-21.

Please contact me at (972) 392-8418 or [wendellsmith@uslm.com](mailto:wendellsmith@uslm.com) with any further questions.

Sincerely,



Wendell Smith  
U.S. Lime & Minerals, Inc.  
Environmental Director

cc:

Chris McCravey – Mill Creek Dolomite, Plant Manager

**CONSUMPTIVE USE REPORT**  
**2022 Year End**  
**MILL CREEK DOLOMITE, LLC**  
**MILL CREEK MINE & MILL**

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**TABLE 1: Estimated Consumptive Use of Pit Water**

<b>PIT GROUNDWATER VOLUME</b>		<b>VALUES (Gal)</b>
1	Total volume of water pumped from the producing mine pit (s)	62,130,000
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	57,134,138
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water	0
4	Other non-pit waters pumped from the producing mine pit	0
5	Add lines 2 through 4	57,134,138
6	<b>Pit Ground Water Volume</b> (Line 1 minus Line 5)	4,995,862
<b>DEFINED ELEMENTS OF CONSUMPTIVE USE</b>		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	788,080
8	Volume of pit groundwater that is carried away with the mined material transported off the mining site (shipped)	0
9	Volume of pit groundwater that evaporates from the producing mine pit, process water ponds, and lined ponds (Excluding structures used for augmentation)	2,576,868
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	265,500
11	<b>Defined Elements of Consumptive Use of Pit Groundwater</b> (Add Lines 7 through 10)	3,630,449
<b>PIT GROUNDWATER BALANCE</b>		
12	Line 6 minus Line 11	1,365,414
13	<b>Groundwater Augmentation:</b> Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	
14	<b>Stream Augmentation:</b> Volume of pit groundwater discharged to a definite stream, during flow conditions that are less than or equal to 50% exceedance, pursuant to a Management Plan	
15	<b>Precipitation &amp; Run-off</b> Volume of precipitation and surface run-off into a recharge pit or holding pond used for augmentation	
16	<b>Recycled Pit Groundwater</b> Volume of pit groundwater returned to a mine pit or holding basin (not included on lines 7 through 10)	
17	<b>Other Non-Consumptive Losses</b> Including pit groundwater returned to the land surface from which runoff flows into a mine pit and other losses (not included in lines 7 through 10)	
18	Add lines 13 through 17	0
19	<b>Other Consumptive Use (adjusted) (Line 12 minus Line 18)</b>	<b>1,365,414</b>
<b>TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER</b>		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	<b>4,995,862</b>