

MILL CREEK DOLOMITE, LLC

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APR 01 2022

March 31, 2022

Oklahoma Water Resources Board

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

Re: *Consumptive Use of Pit Water – 4th Quarter 2021 Report*
Mill Creek Dolomite, LLC – Mill Creek Plant

Mr. Wilkins:

Please see attached the fourth quarter 2021 water report for Mill Creek Dolomite, LLC (Mill Creek), as required under Oklahoma Statute 82-1020.2(E)(1) and Oklahoma Administrative Code 785:30-15.

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

Sincerely,



Wendell Smith
U.S. Lime – Mill Creek Dolomite
Environmental Director

cc:

Michael Rather – Mill Creek Dolomite, Plant Manager

CONSUMPTIVE USE REPORT

4th Quarter 2021

MILL CREEK DOLOMITE, LLC

MILL CREEK MINE & MILL

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TABLE 1: Estimated Consumptive Use of Pit Water

PIT GROUNDWATER VOLUME		VALUES (Gal)
1	Total volume of water pumped from the producing mine pit (s)	12,414,000
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	10,621,218
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	10,621,218
6	Pit Ground Water Volume (Line 1 minus Line 5)	1,792,782
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	33,613
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)	1,779,824
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	18,000
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	1,831,438
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	-38,656
13	Groundwater Augmentation: Volume of pit groundwater returned to the groundwater basin or subbasin, pursuant to a Management Plan	
14	Stream Augmentation: 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	Precipitation & Run-off Volume of precipitation and surface run-off into a recharge pit or holding pond used for augmentation	
16	Recycled Pit Groundwater Volume of pit groundwater returned to a mine pit or holding basin (not included on lines 7 through 10)	
17	Other Non-Consumptive Losses 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	Other Consumptive Use (adjusted) (Line 12 minus Line 18)	-38,656
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	1,792,782