



MILL CREEK DOLOMITE, LLC.

9915 West Amos Conley Road
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Mill Creek, OK 74856
(580)384-5271

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APR 02 2019

Oklahoma Water Resources Board

03/29/19

Kent Wilkens, Division Chief
Planning and Management Division
State of Oklahoma
Water Resources Board
3800 N. Classen Boulevard
Oklahoma City, OK 73118

Re: 2018 Annual Consumptive Use of Pit Water

Dear Mr. Wilkins;

As required under **Oklahoma Statute 82-1020.2 (E) (1)** and **Oklahoma Administrative Code 785:30-15**, Mill Creek Dolomite is respectively submitting the water report for the calendar year 2018.

Please note that our Pit Water Pumped during Year was less than typical due to a pump failure since the week of 08/17/18 in our Sump A area. All rain/pit water has been retained within the Sump A area and mining activity in that area has been halted until the pump is replaced.

If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Ken Baker
Quality, Safety and Environmental Manager
Mill Creek Dolomite, LLC
kenb@min-ad.com

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**CONSUMPTIVE USE REPORT
2018**

MILL CREEK DOLOMITE, LLC
MILL CREEK MINE & MILL

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)	41,287,844
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	152,123,900
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	152,123,900
6	Pit Ground Water Volume (Line 1 minus Line 5)	-110,836,056
DEFINED ELEMENTS OF CONSUMPTIVE USE		
7	Volume of pit groundwater that is driven off (by drying) the mined material transported off the mine site	158,779
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)	9,705,024
10	Volume of pit water groundwater that is used for other beneficial uses off the mine site	2,776,855
11	Defined Elements of Consumptive Use of Pit Groundwater (Add Lines 7 through 10)	12,640,658
PIT GROUNDWATER BALANCE		
12	Line 6 minus Line 11	-123,476,714
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)	-123,476,714
TOTAL REPORTED CONSUMPTIVE USE OF PIT WATER		
20	Total Net Reported Consumptive Use: (Line 11 plus Line 19)	-110,836,056