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SEP 26 2018

Oklahoma Water Resources Board

Robin L. Simmons
Regional Land Manager

September 24, 2018

Oklahoma Water Resources Board
3800 N. Classen Boulevard
Oklahoma City, OK 73118
Attn: Mr. Matt Cogburn

Re: Martin Marietta/TXI Mill Creek Limestone Quarry Monitoring Report Q2 2018

Dear Mr. Cogburn:

Attached please find the Q2 2018 Quarterly Monitoring Report for Martin Marietta/TXI's Mill Creek Limestone quarry. The report is summarized on the table labeled Appendix C. Supporting data is also included.

It is our understanding that the USGS monitoring station on Mill Creek was sanded in and not working properly from April 1 through June 5. We did not augment streams during that time period so we are not affected by the data issue.

Please call if you have any questions or comments.

Sincerely,

A handwritten signature in cursive script that reads 'Robin L. Simmons'.

Robin L. Simmons
Regional Land Manager

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ATTACHMENT 1 (Appendix C)

Martin Marietta (TXI) Mill Creek 2018

Oklahoma Water Resources Board

Appendix C . Consumptive use of Pitwater

Q1 2018 Q2 2018

PIT GROUNDWATER VOLUME				
1	Total volume pumped from producing mine pit(s) (AC-FT)		472.23	594.35
2	Volume of precipitation that falls onto the surface of producing Mine Pits (AC-FT)		109.54	89.47
3	Portion of total precipitation that flows over the land surface that drains into the mine pit water (AC-FT)		68.44	26.73
4	(WATER HELD IN PIT FROM PREVIOUS MONTHS) other non pit waters pumped from the producing mining pit (AC-FT)			
5	add lines 2 through 4		177.98	116.20
6	Pit Groundwater Volume (AC-FT) (line 1 minus Line 5)		294.25	478.15
DEFINED ELEMENTS OF CONSUMPTIVE USE				
7	Vol. of pit groundwater that is driven off (by drying) the mined material transp. off of the mine site (AC-FT)		0.00	0.00
8	Vol. of pit groundwater that is carried away with the the mined material transp off of the mine site (AC-FT)		4.03	10.52
9	Vol. of pit groundwater that evaporates from producing mine pits, process ponds and lined ponds (excluding structures used for augmentation) (AC-FT)		1.15	3.99
10	Volume of pit groundwater that is used for other beneficial uses off of the mine site (AC-FT) (includes on-site dust control)		8.69	35.42
11	DEFINED ELEMENTS OF CONSUMPTIVE USE of Pit groundwater (AC-FT) (add lines 7 through 10)		13.88	49.92
PIT GROUNDWATER BALANCE				
12	Lines 6 minus 11		280.37	428.23
13	Groundwater Augmentation Volume of pit groundwater returned to GW Basin or subbasin. (Troy Recharge AC-FT)	Credits	18.06	123.93
14	Stream Augmentation volume of pit water discharged to a definite Stream, during flow conditions that are less than or equal to the accepted exceedance level (AC-FT)		179.20	0.00
15	PPT and Runoff Volume of Precipitation and surface runoff into a recharge pit or holding pond (AC-FT)		106.38	68.95
16	Recycled Pit Groundwater - Volume of ground water returned to the mine pit or holding basin (AC-FT)		173.21	364.78
17	Other Non-Consumptive GW Losses Including pit GW returned to the land surface from which surface runoff flows into a mine pit and other losses (AC-FT)		0.00	0.00
18	add lines 13 through 17		476.85	557.67
19	OTHER CONSUMPTIVE USE Line 12 minus Line 18		-196.48	-129.44
TOTAL REPORTED CONSUMPTIVE USE (AC-FT)				
TOTAL NET CONSUMPTIVE USE (AC-FT) Line 11 plus line 19			-182.60	-79.51