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MAR 31 2023

Jesse Martindale
Sr. Environmental Engineer

March 31, 2023

Oklahoma Water Resources Board

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

Re: Martin Marietta/Material Producers Washita Quarry Monitoring Report Q4 and Annual 2021 - **REVISED**

Dear Mr. Cogburn:

Please let this letter serve as the **REVISED** 2021 4th Quarter and Annual Monitoring Report for the Washita Quarry in Murray County. This site, formerly known as the BCM Rogers/Chambless (Davis) Quarry, came under control of Martin Marietta/Material Producers effective January 16, 2015. This letter is designed to fulfill the reporting requirements specified by 82 O.S. 1020.2.

The MEPS for this facility is 0.0.

OAC 785:30-15-2 all "**pit water**" is defined as groundwater trapped or collecting in a producing mine pit that emanates from a sensitive basin.

The direct interception and runoff of stormwater that collects in the Washita mine is relocated to a separate storage pond that is located in a different water shed and geologic formation.

The 2020 annual summary information is included below to show the amount of precipitation and runoff that was not diverted by the end of 2020. In Q4 2021 we continued to pump this water balance.

By December 31, 2021 almost no water remained in the pit although the water balance shows water that had not been diverted. Blasting on the lower bench has apparently opened up access to fractured limestone units and we are now seeing water entering the aquifer units which we have not seen to this degree in higher levels.

4 th Quarter 2021	Acre-ft	Million Gallons
Direct interception of stormwater & runoff entering the mine pit	31.1	10.1
Evaporation from the pit (non-consumptive since it is less than direct interception and run-off into the pit)	1.2	0.4
Diversion from the pit	19.9	6.5
2020 Balance	13.9	4.5
Water lost to aquifer	34.2	11.1
Balance through Q4 2021	0	0
Total Consumptive Use of Pit Water	0	0

Please call if you have any questions or comments.

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Sincerely,

Jesse Martindale

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