



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING DISTRICT OFFICE



LIESL EICHLER CLARK  
DIRECTOR

July 13, 2021

Mr. Lyle Hippensteel, President  
Mt. Crushmor, LLC  
5256 North Genesee Road  
Flint, Michigan 48506

SRN: P1164, Genesee County

Dear Mr. Hippensteel:

**VIOLATION NOTICE**

On June 14, 2021, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of Mt. Crushmor, LLC (Mt. Crushmor) located at 2420 S. Grand Traverse, Flint, Michigan. The purpose of this inspection was to determine Mt. Crushmor's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules and the conditions of general crusher Permit to Install (PTI) No. 1-21, and to witness attempted visible emissions testing of the recently permitted portable crusher and screening process.

During the inspection, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
Screening process	General PTI No. 1-21, Special Condition (SC) FGCRUSHING 1.7	A water spray system was not installed on the screening process, resulting in excess visible emissions.
Portable crusher	General PTI No. 1-21, SC FGCRUSHING 1.7	A water supply was not available for the crusher's water spray system, resulting in excess visible emissions.
Portable crusher and screening process	Rule 910	Failure to install, maintain, or operate a pollution control device (water sprays) properly.

Upon arrival at the crusher's location on June 14, 2021, visible emissions of dust from the crusher's exit conveyor and from the screening process exit conveyor appeared to be over the permitted limits, on an instantaneous basis.

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The conditions of general PTI No. 1-21 limit the emissions of visible emissions from the crusher to a 6-minute average of 15% opacity. The permit conditions also limit visible emissions from the screening process to a 6-minute average of 10% opacity. It is unlikely that these limits would have been met, if the visible emission testing had proceeded.

This mineral processing plant is also subject to the federal New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing facilities. These standards are found in Title 40 of the Code of Federal Regulations (CFR) Part 60, Subpart OOO. They include a visible emission limit of 12% opacity, over a 6-minute average, for crushers built on or after April 22, 2008. The crusher was built in 2013, and so is also subject to this 12% limit. It is unlikely that the limit would have been met, had the testing proceeded.

General PTI No. 1-21, Special Condition (SC) 1.7 states: "Each crusher and screen shall be equipped with a water spray. A baghouse dust collector may be installed in lieu of water spray for any particular piece of equipment. The control equipment shall be properly operated as necessary to comply with all emission limits."

The AQD staff observed operation of the screening process without a water spray system, and of the crusher without water available to properly operate its water spray system. These are violations of SC 1.7.

The screen's lack of a water spray system and the lack of water for the crusher's water spray system also constitute a violation of Rule 910 of the administrative rules promulgated under Act 451, which requires that an air-cleaning device shall be installed, maintained, and operated in a satisfactory manner and in accordance with the administrative rules and existing law.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by August 3, 2021. The written response should include: the dates the violations occurred; an explanation of the causes and duration of the violations; whether the violations are ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

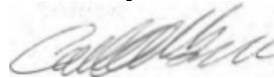
Please submit the written response to EGLE, AQD, Lansing District, at Constitution Hall, 525 W. Allegan Street, 1<sup>st</sup> Floor South, P.O. Box 30242, Lansing, Michigan 48909 and submit a copy to Ms. Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

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If Mt. Crushmor believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violations cited above and for the cooperation that was extended to me during my inspection of Mt. Crushmor. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Daniel A. McGeen  
Environmental Quality Analyst  
Air Quality Division  
517-648-75473

cc: Ms. Mary Ann Dolehanty, EGLE  
Dr. Eduardo Olaguer, EGLE  
Ms. Jenine Camilleri, EGLE  
Mr. Christopher Ethridge, EGLE  
Mr. Brad Myott, EGLE