

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Scheduled Inspection**

N666544895

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|---|--------------------------------------|
| <b>FACILITY:</b> AGGREGATE INDUSTRIES- EDWARDSBURG (MILLIKEN) PLANT | <b>SRN / ID:</b> N6665               |
| <b>LOCATION:</b> 3207 E US 12, NILES                                | <b>DISTRICT:</b> Kalamazoo           |
| <b>CITY:</b> NILES  | <b>COUNTY:</b> CASS                  |
| <b>CONTACT:</b> Jason Julien , Plant Manager                        | <b>ACTIVITY DATE:</b> 06/21/2018     |
| <b>STAFF:</b> Amanda Chapel   | <b>COMPLIANCE STATUS:</b> Compliance |
| <b>SUBJECT:</b>   | <b>SOURCE CLASS:</b> MINOR           |
| <b>RESOLVED COMPLAINTS:</b>   |                                      |

On June 21, 2018, AQD's Amanda Chapel (staff) conducted an unannounced inspection of Aggregate Industries located in Niles, Cass County. The purpose of this inspection is to determine compliance with the Permit to Install (PTI) 187-99 general permit for a non-metallic mineral crushing operation. The following will summarize facility operations and compliance status.

I arrived at the facility at 12:00pm. The facility is located at 3207 E US-12 between Niles and Edwardsburg. There were no visible emissions from the pit that were visible from the road. I drove up to the office and introduced myself to the woman behind the desk. I stated I was there to do an unannounced air quality inspection and she called Mr. Jason Julien, Plant Manager, to come and show me around. When Mr. Julien arrived, I showed him my inspector badge, gave him a card, and explained that I would like a tour of the plant and then to check records. Since it is an active gravel mining operation, he suggested that we take his truck around the plant to see the operation and labeling of the equipment.

The last inspection of the facility was on May 28, 2008 and the facility was in compliance. They work Monday to Friday from about 7am to 5 pm April to November. During the summer, there are 5 people working on site. There are no boilers, emergency generators, or cold cleaners located on site. The facility only has one general permit. The west side of the pit, located on the west side of Anderson Road, has been closed. They only operate on the east side of Anderson Road now and all the equipment has been moved to the active pit.

The plant was operating at the time of the inspection. This plant is considered a wash plant. They do operate above the water table but very close to it as evidenced by the large amount of standing water by the loading area. The loader takes sand and gravel and dumps it into the feeder which is attached to the main crusher at the plant. The crushed sand and gravel is then conveyed around to the main plant where it is washed, screened, and sorted as necessary, and deposited in the proper pile. I did not observe any dust generated from the operations during the inspection. The roads are watered with the loader as needed but most every day and throughout the day if dust is starting to be an issue.

Mr. Julien took me around and we observed the equipment on site. I compared the equipment listed in the permit to the equipment on site. Equipment was labeled with stickers indicating if it is exempt from NSPS OOO or if not, when the testing date was. Most of the equipment had labels of the Device ID. Some of the equipment was not obviously labeled. Below is a list of the equipment and device ID that was observed on site.

Deck Screens – M1, M2, M3  
 Sand Classifier – M4  
 Twin Log Washer – M5  
 Twin Sand Screw – M6  
 Sand Screw – M7  
 Conveyor – C1, C2, C3, S6, C7, C8, S9, S10, S11, C12, S13, S14, 825  
 Feeder – M8  
 Cone Crusher – M10  
 Bin Feed Conveyor – M15  
 Crusher 630

Equipment that was either not clearly labeled or not on site during the inspection.

Conveyor – C4, C5, 826, 827, E830

There were some unused pieces of equipment on site that were not in the permit. Mr. Julien said the pieces were brought in last year for a trial process but it was determined to be more difficult to do than originally planned. The equipment is not used and has not been used all year. The plan is to move the equipment off site. I recommended that if the equipment was going to be used in the process, it should be added to the PTI.

After the tour of the facility, we went into the office to check the daily and annual records. Daily process sheets are kept for when the facility is running. These were available during the inspection. An annual total was not available but through estimation, it was determined that the facility processes about 406,000 tons per year, well below the 2,000,000 ton limit. I thanked Mr. Julien for his help and left the facility around 1:10pm.

It is recommended that the facility update the PTI application to reflect current equipment on site, relabel the equipment with the Device ID to make it easier to read, and to calculate a running total of amount processed at the end of the year. Overall, it appears the facility is in compliance with the permit.

NAME Ammon Chyell

DATE 6/26/18

SUPERVISOR MA 6/27/2018