

N7179  
Mawick

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

N717950254

FACILITY: NAGLE RECYCLING CO		SRN / ID: N7179
LOCATION: 13301 LEVAN Rd, LIVONIA		DISTRICT: Detroit
CITY: LIVONIA		COUNTY: WAYNE
CONTACT: John Blaszak , Operations Manager		ACTIVITY DATE: 06/25/2019
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : 6/25/2019  
 TIME OF INSPECTION : 10:00 am  
 NAICS CODE : 212319  
 INSPECTED BY : Jill Zimmerman  
 PERSONNEL PRESENT : John Blaszak, Operations Manager  
 FACILITY PHONE NUMBER : 248- 553-0600  
 EMAIL : jblaszak@naglepaving.com

### FACILITY BACKGROUND

Nagle Recycling operates a portable concrete crusher. This equipment is currently located at 13301 Levan Road in Livonia Michigan. This crusher has been at this location for the majority of the time, and the facility has no plans to move this crusher. The crusher crushes asphalt between February and April to be used in the asphalt production at Nagle Paving. The rest of the time, the crusher crushes concrete.

The crusher is currently operating one shift per day, five days per week with additional work on Saturdays when needed.

### COMPLAINT/COMPLIANCE HISTORY

No complaints have been received since the last onsite inspection on July 18, 2018.

### PROCESS EQUIPMENT AND CONTROLS

Nagle Recycling is currently operating one concrete crusher. Also located at this site are multiple piles of crushed concrete and asphalt.

Raw materials are loaded onto the conveyor to be crushed. Before being crushed, the material passes through a magnet to remove any metal. The processed material is separated by size. Larger pieces are collected to be crushed again. Multiple water nozzles are located on the crusher to wet the crushed materials and control the dust.

Nagle also has a water truck kept onsite to treat the lot as needed. The facility has also installed screens around the crusher to catch the dust. All trucks pass through rumble strips before leaving the facility to knock off any dirt on the truck tires before the truck enter the public roadways.

### INSPECTION NARRATIVE

I arrived at the facility at 10:00 am and met with John Blaszak, Operations Manager. The crusher was being operated by an employee named Brett. Mr. Blaszak explained that a logbook is kept onsite, recording each application of water or calcium chloride to the ground. A record for the amount crushed is also kept on site, with this information used to

report annual emissions in MAERS. The logbook was reviewed during the onsite inspection.

Rumble strips are located at the entrance of the facility to knock off dirt from the truck tires as the trucks leave the site. A weigh scale is located next to the office. Large piles of crushed material are located throughout the site. The conveyor was set up to minimize the drop distance. The crusher was operating during the onsite inspection. No visible emissions were observed from the crusher while it operates. Water nozzles were present throughout the crushing process to control the dust. An employee was also spraying water on the piles and the material to be crushed.

### **APPLICABLE RULES/PERMIT CONDITIONS**

Based on a review of Permit Cards, Nagle Recycling is permitted under Wayne County Permits C-11694 and C-11695. The special conditions are:

17. Compliance – No opacity was observed coming from the crusher.
18. Compliance – No opacity was observed coming from the crusher.
19. NA – The crusher has not been moved. No visible emissions were observed from the crusher.
20. Undetermined – An email to the facility to verify the amount of material crushed was not answered. Follow-up will occur with the company during the next meeting with the facility.
21. Compliance – Water sprays are installed to control dust from the crushing process during the onsite inspection
22. Compliance – All conditions of the fugitive dust plan in Appendix A are being followed.
23. Compliance – No asbestos is being crushed at this location. The facility only crushes asphalt and concrete.
24. NA – The crusher has not been moved since Nagle Recycling began operating this crusher. There are no plans to move the crusher in the future.

### **Appendix A:**

- A. Compliance – All paved roads ways are swept and watered as needed. Records are kept after each treatment. Speed limit signs of 10 mph are located onsite. The facility was watered just before the onsite inspection.
- B. Compliance – All paved parking areas are swept and watered as needed. Records are kept after each treatment. Speed limit signs of 10 mph are located onsite. The facility was watered just before the onsite inspection.
- C. Compliance – The drop distances is kept to a minimum distance as was observed during the onsite inspection. Speed limit signs of 10 mph are posted onsite.
- D. Compliance – All open areas are swept and watered as needed. Records are kept after each treatment. Speed limit signs of 10 mph are located onsite.
- E. Compliance – Water sprays are located on the crusher and were operating during the onsite inspection.
- F. Compliance – No spilled material was observed during the onsite inspection. Minimal track out was observed during the onsite inspection. Rumble strips are located at the entrance and exit of the facility to knock off excess dirt from the truck tires and control track out.

Dumping occurs at a minimum drop distance. Records are kept in a book located onsite. No trucks were observed at the facility during the onsite inspection.

A file review listed permit 70-00 for a crusher located at this address. However, this crusher was sold to A & E Aggregates. The permit was voided on April 29, 2018. Permits C-11964 and C-11965 were issued on October 8, 1998 to Nagle Paving (A4697). The crusher began

operating in 1999.

A general permit, 65-99, for a non-metallic crusher was issued on March 19, 1999 and was voided on March 14, 2000 based on information obtained from the permit card database.

#### MAERS REPORT REVIEW

MAERS for the reporting year 2018 were submitted on February 21, 2019 and were reviewed on May 16, 2019. The emissions appear to have been reported accurately. This portable crusher was located in Wayne County for 100% of 2018.

#### FINAL COMPLIANCE DETERMINATION

Nagle Recycling appears to be operating in compliance with the evaluated permit conditions. There appears to be some confusion regarding the crusher onsite and the associated permits. A meeting with the company will be arranged to clarify the serial number on the crusher in an effort to ensure that the correct permit conditions are being enforced. Furthermore, it appears that Nagle Recycling and Nagle Paving (A4697) should be considered one source based on Policy 11. During the onsite inspection, Mr. Blaszak stated that the material crushed by Nagle Recycling is then used by Nagle Paving and is not sold to a third party. Future meetings with the facility will help provide the pathway for the facilities to combine as one source. Based on the possible potential to emit of these combined sources, additional permitting may be required, such as an Opt-out Permit or a Title V permit.

NAME Jill Zimmerman

DATE 11/4/19

SUPERVISOR JK