

N7179
MAWLA

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

N717941599

FACILITY: NAGLE RECYCLING CO		SRN / ID: N7179
LOCATION: 13301 LEVAN Rd, LIVONIA		DISTRICT: Detroit
CITY: LIVONIA		COUNTY: WAYNE
CONTACT: James P. Oliver , Vice President		ACTIVITY DATE: 08/15/2017
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : 08/15/2017
 TIME OF INSPECTION : 9:30 am
 LEVEL OF INSPECTION : II
 NAICS CODE : 212319
 EPA POLLUTANT CLASS : PM
 INSPECTED BY : Jill Zimmerman
 PERSONNEL PRESENT : James Oliver, Vice President
 FACILITY PHONE NUMBER : 248- 553-0600 X225
 FACILITY FAX NUMBER : 248- 553-0669

FACILITY BACKGROUND

Nagle Paving 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 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 regarding the crusher. No Violation Notices (VNs) have been issued regarding this facility.

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.

Water spray nozzles are used to control 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 9:30 am and met with Jim Oliver, Vice President. Mr. Oliver explained that a log book is kept onsite, recording each application of water or calcium chloride to the ground. A record for the amount crushed is kept on site, with this information used to report annual emissions in MAERS. The log books were 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.

APPLICABLE RULES/PERMIT CONDITIONS

Nagle Recycling is permitted under Wayne County Permits C-11694 and C-11695. The special conditions were evaluated as follows:

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. Compliance – The facility has produced 34,901.15 tons of crushed material during 2017 through the date of this onsite inspection, which is significantly less than the annual permit limit of 360,000 tons.
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.
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.
- 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.
- C. Compliance – The drop distances is kept to a minimum distance. 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 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. Trucks observed leaving the site were covered. Records are kept in a book located onsite.

A review of the file for this facility has the crusher permitted by 70-00. In permit cards, this permit was issued to A & E Aggregates on March 14, 2008 and was void on April 29, 2008. The application for this permit lists the address for Nagle Paving and states that the prior air permits are C-11964 and C-11965. In permit cards, C-11964 and C-11965 are still listed as active for Nagle Paving. Nagle Paving also sites these permits as the active permits in the equipment description for MAERS.

MAERS REPORT REVIEW

MAERS for the reporting year 2016 were submitted on February 4, 2017 and were reviewed on February 14 2017 by Jill Zimmerman. This report was acceptable.

FINAL COMPLIANCE DETERMINATION

Nagle Recycling appears to be operating in compliance with all state and federal regulations as well as all permit conditions.

NAME Jill ZimmermanDATE 9/25/19SUPERVISOR JK