

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

N717925400

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: 06/03/2014
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : 6/3/14  
 TIME OF INSPECTION : 8:30 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.

According to [www.wunderground.com](http://www.wunderground.com), the weather was 73.4 F with winds south southwest winds 8 mph.

### 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 8:30 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 – It was reported in MAERS that 316,681 tons were crushed during 2013, which is less than the 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.

#### MAERS REPORT REVIEW

MAERS for the reporting year 2013 were submitted on March 13, 2014 and were reviewed on April 12 2014 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 Zimmerman DATE 6/6/14 SUPERVISOR W.M.