

P0453
MWWL

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

P045336743

FACILITY: HAMTRAMCK RECYCLING LLC		SRN / ID: P0453
LOCATION: 3333 HAMTRAMCK DRIVE, HAMTRAMCK		DISTRICT: Detroit
CITY: HAMTRAMCK		COUNTY: WAYNE
CONTACT: Matt Essian , Facility Manager		ACTIVITY DATE: 07/07/2016
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: PM emissions		
RESOLVED COMPLAINTS:		

Hamtramck Recycling & Transportation
3333 Hamtramck Drive, Hamtramck, MI 48211

INSPECTED BY : Terseer Hemben, MDEQ
 PERSONNEL PRESENT : Matthew Essian
 FACILITY PHONE NUMBER : 313-871-5000
 Cell Phone: 313-977-0105 Cell
 DATE OF INSPECTION : July 7, 2016
 SRN: P0453
 Permit# 100-13; and PTI# 134-13,
 Rule: NESHAP 40 CFR 61, Subpart M involving Asbestos

FACILITY BACKGROUND:

The Hamtramck Recycling & Transportation (HRT) operates a solid waste recycling business at the 3333 Hamtramck Drive, Hamtramck address. The facility operates under permit to install (PTI) # 100-13 and PTI # 134-13. Solid wastes are collected from all over the city and sorted out into wooden, paper, metal and plastics. The segregated waste is packaged and shipped to customers in China. No single waste goes to the land fill. According to Mr. Essian, no asbestos material is accepted at the site.

INSPECTION NARRATIVE

I arrived at the HRT premises on July 7, 2016 at 1040 hours. The purpose of visit was to conduct a scheduled compliance inspection. Temperature at the hour was 81 F with wind speed 4.6 mph coming from the NW. Humidity was 65%. I arrived at the site and was admitted by Mr. Matthew Essian, the Manager. We settled down to a pre-inspection conference. The Manager informed there has not been any modifications of equipment or process at the facility. However, the Shredding equipment number 2 permitted under 134-13 was decommissioned. The Shredder number 1 permitted under 100-13 was in use. The facility only accepts "clean wood" for processing. No painted or treated wood is accepted at the site. Florescent bulbs, chemicals and oil or mercury containing devices are not accepted at the site. Shredding is done on wooden materials such as paper, and cardboards. No exhaust gases are emitted from the process. The Shredder compresses sorted wastes into packages and stores for shipping. During the walk through of process, the pre-sorting of waste by Haulers to the site ensures there are no dust or particulate materials emitted during processing. We returned to the office for a post-inspection conference. I left the area at 1200 hours.

OUTSTANDING CONSENT ORDERS:

None

OUTSTANDING LOV'S:

None

COMPLAINT/COMPLIANCE HISTORY:

None

OUTSTANDING LOV'S:

None

PROCESS DESCRIPTION:

The HRT operates one Shredder on site. The facility office building is fully covered during all

year round. Compacted and packaged shredded solid wastes are piled on the site for shipping. Trucks roll in and out of the property daily in high traffic delivering solid waste materials to the site, while sorted solid waste materials are loaded off the site. Mr. Essian informed no asbestos materials or electric bulbs and treated wood were accepted at the site.

EQUIPMENT AND PROCESS CONTROLS:

The HRT operates the Shredder#1 under Air Permit (PTI) # 100-13. The permit allows the shredding and recycling of solid waste materials like wood and plastics.

OPERATING SCHEDULE/PRODUCTION RATE:

The HRT is set to operate 24 hrs. A day, 7 days a week, and 365 days in the year.

APPLICABLE RULES/PERMITS PTI# 100-13 and 134-13

NSPS 40 CFR 61.142 or Subpart M

State: R 201, R 205, R 224, R 225, 40 CFR.52.21(c) apply

Based on the above permit rules guiding the shredding of solid waste at the site, Staff observed the following:

EUSHREDDER1: an electric powered quad shear shredder used for shredding wood waste was operated-

1. In compliance –HRT stated there has been no modification of equipment or process at the facility since the permit was issued in 2013 (Rule 201),
2. In compliance – HRT demonstrated permittee did not process any asbestos tailing or asbestos containing waste materials in EUSHREDDER1 pursuant to the NESHAPs, 40 CFR Part 61, Subpart M (40 CFR 61, Subpart M) [SC. I.1]. HRT stated in writing that Hamtramck Recycling does not accept materials containing asbestos [Response pg. 2, Item# 2].
3. In compliance-HRT demonstrated the permittee removed and properly disposed of, at a minimum, heavily painted wood, preserved wood, dry wall, chemical products (liquid and solid), fluorescent light bulbs, fluorescent light ballasts with oil and all mercury – containing devices from wood waste to be shredded in EUSHREDDER1 (R 336.1205, R 336.1224, R 336.1225) [SC. I.2]. According to HRT, the facility only accepts “clean wood” for processing. Haulers that bring wood material to the site to be processed are informed that loads will be rejected if they contain painted or treated wood as these cause a contamination issue for the entire stream. Also, fluorescent builds, chemicals and oil or mercury containing devices are not accepted at the site and are in no way part of the shredding process [Response pg. 2, Item# 3].
4. In compliance – HRT demonstrated permittee the exhaust gases from EUSHREDDER1 were not discharged to the ambient air at any time. (R 336.205, R 336.1225, 40 CFR 52.21(c) & (d)) [SC. I.3]. HRT stated the there are no exhaust gases emitted from the Shredder1 because the Shredder1 is an electric drive unit [Response pg. 2, Item# 4].

Per Permit # 134-13 for EUSHREDDER2

5. In compliance – HRT stated the EUSHREDDER2 has been decommissioned for over a year and needs some significant motor repairs to be in operation again. Once the Shredder2 is repaired, HRT will notify the DEQ-AQD that the unit is back in operation. However, repairing the unit is not a priority due to the current market state.

APPLICABLE FUGITIVE DUST CONTROL PLAN CONDITIONS

Not Applicable

MAERS REPORT REVIEW:

Not applicable

FINAL COMPLIANCE DETERMINATION

Determination

The AQD determined the Hamtramck, facility located at 3333 Hamtramck drive Ave, Hamtramck was operated in compliance with PTI # 100 - 13 and Permit # 134-13 conditions. There were no odors at the facility or surrounding premises at the time of inspection. The company operated a dry process contained inside a warehouse.

NAME JL

DATE 9/26/16

SUPERVISOR JK