

N7685

MAWIL

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: On-site Inspection

N768573586

FACILITY: WASTE MANAGEMENT DETROIT TRANSFER STATION		SRN / ID: N7685
LOCATION: 1550 HARPER AVE, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Marvin Hill , District Manager		ACTIVITY DATE: 09/13/2024
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Waste Recycling		
RESOLVED COMPLAINTS:		

## COMPLIANCE INSPECTION OF WASTE MANAGEMENT (WM) DETROIT TRANSFER STATION

September 13, 2024

1550 Harper Ave, Detroit, MI

SRN: N7685

County: Wayne

Present: Scott Alvaro (WM Manager)

Inspector -Terseer Hemben (EGLE)

### FACILITY BACKGROUND

The WM Detroit Transfer Station (WM) is located at 1550 Harper Ave, Detroit. The facility separates domestic waste and recycles them. The facility has water sprinkling system that wets the surfaces and bulk material piles.

The WM facility operation is regulated under Solid Waste Management Rule defined by Part III of ACT451. The EGLE-Air Quality Division is involved in enforcing control of odor and fugitive dust control.

### INSPECTION NARRATIVE

I arrived at the 1550 Harper Ave, Detroit at 1000 hours on September 13, 2024. The purpose of visit was to conduct an unannounced compliance inspection of the recycled solid waste materials operation with reference to fugitive dust particulates and Rule 901 (as related to odor) and probable wood milling. I drove onto the site road and parked on the concrete pavement. Trucks arrived and dropped off solid waste loads in the waste shed and loaded recycled waste using auto-mechanical waste loading system. There was crushing or compression of cans and metals at the time of my visit. Water sprinklers were fully on, and sweepers were active. There was no stirred up dust in the air at the site as grounds had been wetted with suppressants. The facility was swept and cleaned. The yard was organized in satisfactory manner in compliance with fugitive dust abatement requirements. I talked to Scott Alvaro, the manager. Scott informed the facility separates wooden waste from the solid wastes but does not process or mill wood. Separated wood waste is recycled as received. I left the area abot 30 minutes after my time of arrival.

### COMPLAINT/COMPLIANCE HISTORY:

**The WM located at 1550 Harper Ave, Detroit has not been a concern of citizen complaint since the COVID19 lockdown.**

**OUTSTANDING VN'S:**

**None**

**PROCESS DESCRIPTION:**

**The WM solid waste separation and recycling processes at 1550 Harper Ave, Detroit location. The installed equipment comprised a can crusher with mechanical product loader, dust sweeper, water sprinkler for dust suppression and a weight scale.**

**EQUIPMENT AND PROCESS CONTROLS:**

**Same as listed in the process description.**

**OPERATING SCHEDULE/PRODUCTION RATE:**

**The WM was set up to operate full three shifts covering 24 hours, through 7 days per week, and 365 days of the year. However, the company operates at the rate dictated by demand. The facility keeps in-person employees at the site during loading or unloading and processing of the solid waste materials.**

**APPLICABLE RULES:**

**The WM operations was evaluated consistent with rules for dust and odor control.**

**Site Roadways: Compliance. The dust on the site roadways/plant yard was controlled by application of water at the time of this inspection visit. All roadways/plant yard was swept and free of fugitive dust. Records of sweeping and cleaning are attached. Speed of vehicles going through the site was posted and limited to 10 mph. There was no material spillage left unremoved at the yard.**

**Plant: Compliance. A spray system was located at strategic locations to reduce and control fugitive dust emissions.**

**Storage Piles: Compliance. Stockpiling of all solid waste was performed to minimize dust stir and control potential dust problems. Stockpiles were sprinkled with dust suppressant adequately to meet the opacity limits included within the control requirements. Procedural practice of dust suppression activities at the WM facilities operation is on AQD file.**

**Truck Traffic: Compliance. Onsite vehicles were mechanically loaded. In preventing bulk contents from dropping, leaking, blowing, or otherwise escaping, the vehicles were tarped. Off-site operating trucks were securely tarped before leaving the yard.**

**DETERMINATION**

**The WM Detroit transfer Station facility located at 1550 Harper Ave, Detroit, was inspected. The facility met the conditions stated in the rules for controlling fugitive dust and odor. Fugitive dust requirements and opacity limits were met. Recordkeeping practice met the operative requirements for solid waste management in industrial operations. The facility does not process or mill wood. The WM operated in compliance with the general dust and odor requirements.**

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DATE 10/28/24 SUPERVISOR JK