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

N215029711					
FACILITY: MID MICHIGAN RE	CYCLING	SRN / ID: N2150			
LOCATION: G-5310 N DORT I	WY, FLINT	DISTRICT: Lansing			
CITY: FLINT		COUNTY: GENESEE			
CONTACT: Aaron Hess , Manager of Wood Waste Recovery		ACTIVITY DATE: 06/09/2015			
STAFF: Daniel McGeen	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR			
SUBJECT: Attempt to inspect wood recycling yard, at 930 S. Averill Avenue, which is closed to the public, but used on occasion, by the					
company.					
RESOLVED COMPLAINTS:					

On 6/9/2015, the DEQ, AQD attempted to conduct an unannounced inspection of Mid-Michigan Recycling's wood yard at 930 S. Averill Avenue, Flint, which was last inspected on 3/3/2011.

## **Environmental contact:**

Aaron Hess, Manager of Wood Waste Recovery; 810-785-4512; aaron.hess@cmsenergy.com

## Facility description:

This facility is a wood recycling yard.

### **Emission units:**

Emission unit	Emission unit description		Operational status
EUWOODSHREDDER1	Diesel-powered Morbark 7600 Wood Hog Machine, manufactured in 2000, Serial #185-1011. This PTI covers when this shredder is used to mechanically reduce larger source separated wood waste from demolition down to smaller sizes. Unit is portable. Control includes water spray on wood materials.	80-12A	Not onsite
EUWOODSHREDDER2	Diesel-powered Morbark 7600 Wood Hog machine, manufactured in 2012, Serial #185-1081. This PTI covers when this shredder is used to mechanically reduce larger source separated wood waste from demolition down to smaller sizes. Unit is portable. Control includes water spray on wood materials.	80-12A	Not onsite
EUTRUCKTRAFFIC	Loading and trucking activities associated with EUWOODSHREDDER1 snd EUWOODSHREDDER2 operations, including debris pile handling and truck loading.		Not onsite
EUSTORAGE	Open area stock piles of various debris materials associated with EUWOODSHREDDER1 and EUWOODSHREDDER2. Water spray of materials shall be used when necessary.		Not onsite
Primary plant by Thunderbird Equipment	A. 46" x 15' vibrating grizzly feeder     B. 48" x 15' flatbelt picking conveyor     C. 1615 Kobelco Impact Crusher     D. 48" x 26' discharge conveyor     E. Eriez Model SE-7422 Electro magnetic Conveyor		Not operating
Secondary sizing/washing plant	A. 5' x 12' Double Deck Level-Flo B. 36" x 35' discharge conveyor C. 24" x 35' discharge conveyor D. 60" x 11' Finger's rake conveyor E. Water flow tank with drag conveyor	399-89 ,	Not operating
Gruendier Model 2448 Wood-Bark Hog	Gruendler Model 2448 Wood-Bark Hog		Not operating

## Regulatory overview:

This facility is considered a true minor source. A major source has the potential to emit (PTE) of 100 tons per year (TPY) or more, of one of the criteria pollutants. Criteria pollutants are those for which a National Ambient Air Quality Standard exists, and include carbon monoxide, nitrogen oxides, sulfur dioxide, volatile organic compounds, lead, particulate matter smaller than 10 microns, and particulate matter smaller than 2.5 microns. It is considered a minor or "area source" for Hazardous Air Pollutants

(HAPs), because it is not considered to have a PTE of 10 TPY or more for a single HAP, nor to have a PTE of 25 TPY or more for combined HAPs.

### Fee status:

This facility is not considered fee-subject, for the following reasons. Because it is not a major source for criteria pollutants, it is not classified as Category I. Additionally, because it is not a major source for Hazardous Air Pollutants (HAPs), and is not subject to federal New Source Performance Standards, it is not classified as Category II. Finally, because it is not subject to federal Maximum Achievable Control Technology standards, it is not classified as Category III. The facility is not required to submit an annual air emissions report via the Michigan Air Emissions Reporting System (MAERS).

#### Location:

The wood yard is located at 930 S. Averill Avenue, in Flint. The entrance is off of East Court Street, just east of two railroad crossings. The surrounding area is primarily industrial and/or commercial, with some apartment buildings 1,000 feet to the east. The Flint office of Mid-Michigan Recycling is located at Genesee Power Station, at G-5310 North Dort Highway, Flint.

#### Arrival:

At 12:53 PM, I drove downwind (east) of the site, detecting no odors. Weather conditions were mostly cloudy and 76 degrees F, with winds 0-5 miles per hour out of the west southwest. At 1:03 PM, I stopped at the site itself. The facility appeared closed, and the gates were locked shut. A sign posted next to the driveway stated: "WOOD YARD IS CLOSED; DO NOT TRESPASS".

No instances of noncompliance were observed. I returned to the office, at this time.

# Discussion with company:

A subsequent Internet search found their current website: (<a href="http://mid-michiganrecycling.com/default.aspx">http://mid-michiganrecycling.com/default.aspx</a>). The website shows that the main office in Flint remains open, as well as a wood yard in Livonia, and a wood yard in Macomb.

On 7/30/2015, I called the Flint office, 810-785-4512, to follow up on the 6/9 site visit. I spoke with Mr. Aaron Hess, Manager of Wood Waste Recovery. I asked if the site was closed. He explained that it is closed to the general public, but they still use it, periodically. They use the site for pre-sizing oversized wood, with a shear unit. They process clean wood here, he explained, but no longer process wood here from demolition activities. The two portable shredders under PTI No. 80-12A come here periodically for maintenance, he informed me, but do not operate here.

There is an older PTI, No. 399-89, for three portable processes stationed at this site, including:

- 1. Primary plant by Thunderbird Equipment.
- 2. Secondary sizing/washing plant.
- 3. Gruendler Model 2448 Wood-Bark Hog.

The 3/3/2011 activity report by AQD's Michael McClellan indicated that of the above 3 emission units, only a single grinder was left at the site, at that time. I asked if they intend to use equipment covered by PTI No. 399-89 again, or if the permit should be voided. Mr. Hess explained that within the company, they have been having discussions on potentially using this equipment again. Therefore, they do not wish to void the permit.

Following our conversation, I sent Mr. Hess an e-mail (attached for reference), containing a link to the DEQ brochure *Environmental Inspections: Rights and Responsibilities*, as it is AQD policy to provide this brochure to the regulate community, during our inspections.

## Conclusion:

No violations were noted during my site visit of 6/9/2015, nor during my telephone conversation with Mr. Hess. The company may restart equipment covered by PTI No. 399-89, at some point in the future, so this permit will remain active. Their PTI No. 80-12A will also remain active, for two portable wood shredders EUWOODSHREDDER1 and EUWOODSHREDDER2.

NAME

DATE

SUPERVISOR\_