

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

N524543109

FACILITY: MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY		SRN / ID: N5245
LOCATION: 600 COUNTY ROAD NP, MARQUETTE		DISTRICT: Upper Peninsula
CITY: MARQUETTE		COUNTY: MARQUETTE
CONTACT: Brad Austin , Director		ACTIVITY DATE: 01/24/2018
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: Onsite Inspection to verify compliance with PTI 53-98,PTI 117-10, and all other applicable state and federal air quality regulations.		
RESOLVED COMPLAINTS:		

On January 24, 2018 I (Sydney Bruestle) performed an onsite inspection of Marquette County Solid Waste Management Authority located at 600 County Road NP Marquette, MI. While onsite I met with Brad Austin, Director of the facility. We went over requirements in the active PTIs (117-10, 53-98, and 310-91L) and discussed future expansion projects. We discussed a potential time line of when the facility will become a Title V source, approximately 6-9 years.

#### PTI 310-91L

This permit covers a thermal soil remediation unit that is no longer onsite. I informed Mr. Austin he can request to void this permit.

#### PTI 53-98

This permit covers a waste oil furnace located in a maintenance building. The unit is used daily to heat the building in the cold months. The unit was operating at the time of my inspection. I was able to view the stack and observe 0% opacity during operation. The permit requires the opacity to remain below 20% during periods of operation. Marquette County Solid Waste Management Authority is in compliance with PTI 53-98.

#### PTI 117-10

This permit covers a one drum top fluorescent light bulb crusher, controlled by a bag filter followed by a high efficiency particulate air (HEPA) filter and an activated carbon filter. The facility has not operated the bulb crusher since March 2010. Mr. Austin sent me records from the last time the crusher was used (attached to the hard file of this report). The permit limits the crusher to 400 eight foot bulbs per calendar day and 5000 eight foot bulbs per 12 month rolling time period. Marquette County Solid Waste Management Authority is in compliance with PTI 117-10.

#### 40 CFR Part 61 Subpart M Asbestos Documentation:

Marquette County Solid Waste Management Authority accepts asbestos-containing waste materials. Under 40 CFR Part 61 Subpart M the facility is required to maintain detailed records of asbestos containing material received.

#### **Required records include the following:**

- Shipment records that include the following information:
  - Name, address, and telephone number of the waste generator
  - Name, address, and telephone number of the transporter
  - Quantity of the asbestos containing waste material in cubic meters
  - Presence of improperly enclosed or uncovered waste, or any asbestos containing materials not sealed in leak tight containers
  - The date of receipt
- Records of the location, depth and area, and quantity in cubic meters or asbestos containing waste material within the disposal site on a Map or diagram of the disposal area storage.

Mr. Austin was able to provide me with documentation of recent asbestos containing material received as well as three maps detailing where asbestos-containing material is buried onsite. The records are attached to the hard file of this report. It appears Marquette County Solid Waste Management Authority is in compliance with Part 61 Subpart M.

Future Construction/Title V permitting:

During my inspection Mr. Austin and I discussed the landfill's future expansion plans. We concluded when the facility begins construction of Cell 5 they will need to have already applied for a Title V permit. Cell 5 will increase the landfill capacity to greater than the 2.5 million mega grams (Mg) or 2.5 million cubic meters (m3) threshold for becoming a major source of pollution.

At the time of my inspection Marquette County Solid Waste Management Authority appeared to be in compliance with the active PTIs and all other applicable state and federal air quality regulations.

NAME Sydney

DATE 01/31/18

SUPERVISOR EAH