

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

N561973350

FACILITY: Pitsch Sanitary Landfill		SRN / ID: N5619
LOCATION: 7905 Johnson Rd, BELDING		DISTRICT: Grand Rapids
CITY: BELDING		COUNTY: IONIA
CONTACT: Ross Young, Site Manager		ACTIVITY DATE: 08/23/2024
STAFF: Chris Robinson	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: FY '24 inspection to determine compliance status with respect to MI-ROP-N5619-2020b and any other applicable air quality rules and regulations.		
RESOLVED COMPLAINTS:		

Field Staff Chris Robinson (CR) and Technical Programs Unit (TPU) staff Jeremiah Brown (JB) from Michigan's Department of Environment, Great Lakes, and Energy (EGLE) Air Quality Division (AQD) conducted an onsite inspection at Pitsch Sanitary Landfill (PSL) located at 7905 Johnson Road in Belding on August 23, 2024. Prior to entry CR surveyed the perimeter of the facility along Kiddville and Johnson Road for odors and visible emissions, there was a presence of landfill gas odors, however neither the AQD nor PSL, according to Mr. Young, have received any odor complaints. Weather conditions were approximately 66°F, mostly cloudy with calm winds (www.weatherunderground.com).

CR and JB met with Ross Young, Site Manager onsite. The purpose of the inspection was relayed, which was to determine this facility's compliance status with respect to applicable state and federal air quality rules and regulations including Renewable Operating Permit (ROP) No. MI-ROP-N5619-2020b. Identification was also provided.

A. FACILITY DESCRIPTION

PSL (SRN N5619) is a municipal solid waste landfill located in Belding, in Ionia County, Michigan. The PSL has a design capacity greater than 2.5 million cubic meters and accepts more construction/demolition material than municipal waste. The facility consists of solid waste disposal Cells 1 through 4 which are capped and closed and Cells 5 through 8 which are permitted and active. There is also a closed Act 87 area that began operations in 1975 and ceased operations in 1992.

B. COMPLIANCE EVALUATION

The landfill is subject to the federal plan requirements under 40 CFR Part 62, Subpart OOO as well as requirements under 40 CFR Part 61, Subpart M for asbestos.

1. MI-ROP-N5619-2020(b)**EULANDFILL<34**

Gas collection and control is required if the annual or five year estimated NMOC emission rate is greater than 34 Mg/year. PSL uses the Tier II sampling and calculations in the rule to determine the NMOC emission rate. The last Tier II test was conducted in July 2021 which determined the NMOC concentration to be 34 ppmv as hexane. Based on that, the maximum projected NMOC generation rate for the next 5 years was 3.19 Mg/year. The next Tier II test is required to be conducted in 2026.

Although gas collection and control is not required, the spark flares on the passive vents continue to burn. PSL does not monitor the flares for flow or temperature data but they are maintained to ensure they are operating properly. Operation of these flares assists in the prevention of offsite odors.

Records pertaining to maximum design capacity, year-to-year acceptance rate, and amount of waste in place are maintained by the company in accordance with the ROP. This information is also reported to the EGLE, Materials Management Division on a quarterly basis. As of August 23, 2024, the site had less than 2.0 million cubic yards of waste in place which is well below the permitted capacity of 6.48 million cubic yards. Waste records indicate that from August 1, 2023, through August 31, 2024, 143,560.86 tons of waste had been received (119,186.35 tons industrial/demolition/construction waste and 24,374.51 tons municipal consumer waste).

Per Special Condition III.1, an Odor Management Plan (OMP) is required, which the facility submitted and maintains onsite. Areas specified in the OMP are maintained and weekly odor inspections are conducted as required. Forms are being maintained onsite.

EUASBESTOS:

PSL actively accepts asbestos containing waste. From August 1, 2023, through August 31, 2024, records show that 1,372.05 tons of asbestos (friable and non-friable) waste was received. Asbestos manifest records were reviewed on site and an example is attached. The asbestos records contained the name, address and telephone number of the generator and transporter as well the amount of asbestos containing waste. PSL is maintaining a map of deposited asbestos waste which is also attached.

No visible emissions were observed from the active disposal area.

2) Reported Annual Emissions Inventory

Pollutant	Amount (tons)
PM10-PRI	1.36
NMOC	3.16

C. Compliance Determination

Based on observations, discussions, and a records review, Pitsch Sanitary Landfill appears to be operating in compliance with all applicable air quality rules and regulations.

NAME

DATE 9/3/2024

SUPERVISOR

