

M4705
MANILADEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

M470573568

FACILITY: FREEPORT AGGREGATE		SRN / ID: M4705
LOCATION: 20225 PENNSYLVANIA ROAD, BROWNSTOWN		DISTRICT: Detroit
CITY: BROWNSTOWN		COUNTY: WAYNE
CONTACT: Donald Truskowski , Owner		ACTIVITY DATE: 09/04/2024
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Concrete Crushing & Dust Controls.		
RESOLVED COMPLAINTS:		

COMPLIANCE INSPECTION OF FREEPORT AGGREGATES**September 4, 2024****20225 Pennsylvania Road, Brownstown Twp, MI****SRN: M4705****County: Wayne****Present: Office Operator (for Brian White - Supervisor)****Inspector -Terseer Hemben (EGLE)****FACILITY BACKGROUND**

Freeport Aggregate operates a concrete processing and sale facility at 20225 Pennsylvania Road, Brownstown Twp, Wayne, MI. The facility operates portable crushing equipment that relocates occasionally to areas where projects are situated.

The facility operation is regulated under Permit to Install (PTI) No. 159-13.

INSPECTION NARRATIVE

I arrived at the 20225 Pennsylvania Road, Brownstown, MI address on September 4, 2024, at 1137 hours. The purpose of visit was to conduct an unannounced compliance inspection of Freeport Aggregate, located in Brownstown, MI operation. I approached the site via Pennsylvania Road southwestbound and turned left onto the driveway. I drove onto the site and parked in front of the concrete sales office. There was no crushing of concrete at the time of my visit. Grounds were sprayed with dust suppressant and swept clean. The facility provided a pool of water for wetting tires for vehicles exiting from the site. The exit point and entry points had no fugitive tire marks. I inspected the loading procedure, concrete, and the concrete wall mounted around piles. The yard was maintained in satisfactory manner in compliance with fugitive dust abatement requirements. I submitted my request for records to the front office management for Brian White. I left the area at 1240 hours.

COMPLAINT/COMPLIANCE HISTORY:

The Freeport Aggregate located along Pennsylvania Road, Brownstown has not been a concern of citizen complaint since the COVID19 lockdown.

OUTSTANDING VN'S:

None

PROCESS DESCRIPTION:

Freeport Aggregate operates the concrete crushing and sale processes at the 20225 Pennsylvania Road, Brownstown location. The installed equipment comprised a portable concrete crusher, 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 Freeport Aggregate was set up to operate full two shifts covering 16 hours, through 7 days per week, and 365 days of the year. However, the company operates at the rate dictated by demand. The facility does schedule an in-person employees at the site during loading or unloading of the concrete materials.

APPLICABLE RULES, GEN PERMIT TO INSTALL 159-13, 40 CFR 60, Subparts A and OOO:

The Freeport Aggregate operations was evaluated consistent with each permit conditions. The inspection determined the facility was in the following compliance state:

General PTI No. 159-13

Special Condition 1.1 and 1.2: Compliance. The conditions addressing particulate matter and visible emissions was not evaluated for the majority of equipment because it was not in operation. No visible emissions were observed from storage piles or truck traffic.

Special Condition 1.3, 1.4, 1.9: Compliance. The emission records provided indicated the facility equipment did not exceed the 2,000,000 tons per calendar year of material through the portable material crushing plant at the site. The emission-summary records submitted confirmed compliance at 119,035 tons per the calendar year 2023 records.

Special Condition 1.6: Compliance. Material crushing was not operating at the time of this inspection. However, the plant yard, roadways, storage piles, and material handling operations showed evidence that fugitive dust controls were implemented in accordance with Appendix A.

Special Condition 1.8: Not Applicable. The PTI application lists the maximum crushing rate at 145 tons per hour, which is less than the 150 tons per hour threshold for NSPS OOO applicability.

DETERMINATION

The Freeport Aggregate facility located at 20225 Pennsylvania Road, Brownstown Twp was inspected. Fugitive dust requirements and permitted opacity limits were met. The Freeport Aggregate operated in compliance with the General PTI No. 159-13.

NAME jh DATE 9/23/24 SUPERVISOR JK