

M3733

MANILA

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

M373373566

FACILITY: Great Lakes Aggregates, Highland Park Plant		SRN / ID: M3733
LOCATION: 15150 OAKLAND AVE, HIGHLAND PARK		DISTRICT: Detroit
CITY: HIGHLAND PARK		COUNTY: WAYNE
CONTACT: Tom Downs , Operations Manager		ACTIVITY DATE: 09/09/2024
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Concrete crushing & Dust controls.		
RESOLVED COMPLAINTS:		

COMPLIANCE INSPECTION OF GREAT LAKES AGGREGATES, HIGHLAND PARK

September 9, 2024

15150 Oakland Ave, Highland Park, MI

SRN: M3733

County: Wayne

Present: Office Operator (for Jordan Stol)

Inspector -Terseer Hemben (EGLE)

FACILITY BACKGROUND

Great Lakes Aggregates, Highland Park (GLA-HP) operated a concrete processing and sale facility at 15150 Oakland Ave, Highland Park, MI. The facility operates concrete crushing equipment and sells products to demanded areas. The Company has been in business in Michigan for several years.

The facility operation is regulated under Permit to Install (PTI) No. 82-00 and under Federal Standards of Performance for New Stationary Sources, 40 CFR, Part 60, Subparts A and OOO (NSPS OOO), which covers nonmetallic mineral crushing plants. The facility also is issued PTI No. 106-15 for a small waste oil heater.

INSPECTION NARRATIVE

I arrived at the 15150 Oakland Ave, Highland Park, MI address on September 9, 2024 at 1200 hours. The purpose of visit was to conduct an unannounced compliance inspection of GLA-HP crushing site located in Highland Park, MI. I approached the site via Oakland Ave northbound and turned right onto the driveway. I drove onto the site and parked in front of the front office. There were no trucks waiting to pick up loads at the site. The Senior Security Officer at the site informed the plant was not crushing. 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. The office was closed; so, I inspected the heater fired with recycled oil. However, there was no heating during the summer. I inspected the loading area, 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 Jordan Stol's attention. I left the area at 1230 hours.

COMPLAINT/COMPLIANCE HISTORY:

The GLA-HP located along Oakland Ave, Highland Park has not been a concern of citizen complaint since the COVID19 lockdown.

OUTSTANDING VN:

None

PROCESS DESCRIPTION:

GLA-HP operated the concrete mixing and sale processes at the 15150 Oakland Ave, Highland Park location. The installed equipment comprised a 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 GLA-HP 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 operated 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, PERMIT TO INSTALL, 40 CFR 60, Subparts A and OOO:

The GLA-HP operations was evaluated consistent with each permit conditions. The inspection determined the facility was in the following compliance state:

General PTI No. 82-00

Special Conditions 1.1 and 1.2: Compliance. The conditions addressing particulate matter and visible emissions were 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 Conditions 1.3, 1.4, 1.9: Compliance. The 2023 annual emissions report indicates the facility equipment did not exceed the 2,000,000 tons per calendar year of material through the material crushing plant at the site. The report submitted confirmed compliance at 128,850 tons for calendar year 2023.

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

Special Condition 1.8: Compliance. Visible emissions tests were conducted on July 27, 2022 on newly installed equipment in accordance with the NSPS OOO. No visible emissions were observed.

PTI No. 106-15

Special Condition VI.1: Compliance. The facility keeps records of the amount of oil combusted in the heater and reports the total to the annual emissions inventory.

DETERMINATION

The GLA-HP facility located at 15150 Oakland Ave; Highland Park was inspected. Fugitive dust requirements and permitted opacity limits were met. The GLA-HP operated in compliance with the PTI Nos. 82-00 and 106-15.

NAME JLH DATE 10/23/24 SUPERVISOR JK