

B4686
MAWILADEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

B468668931

FACILITY: Great Lakes Aggregates, Taylor plant		SRN / ID: B4686
LOCATION: 6873 INKSTER RD, TAYLOR		DISTRICT: Detroit
CITY: TAYLOR		COUNTY: WAYNE
CONTACT: Jordan Stol, Operator		ACTIVITY DATE: 09/07/2023
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Concrete Crushing Plant		
RESOLVED COMPLAINTS:		

COMPLIANCE INSPECTION OF GREAT LAKES AGGREGATES TAYLOR PLANT#10**September 7, 2023****6873 Inkster, Taylor, MI****SRN: B4686****County: Wayne****Present: Site Operator (For Jordan Stol)****Inspector -Terseer Hemben (EGLE)****FACILITY BACKGROUND**

The Great Lakes Aggregate Taylor Plant# 10 (GLA#10) Concrete business is located at 6873 Inkster Taylor. The facility installed and operated a concrete crushing plant. The facility has water sprinkler that wets the surfaces and concrete piles. The company provided water pool that rinsed tire trucks for vehicles that exit the facility premises after loading.

The facility operation is regulated under Permit to Install (PTI) No. 81-00 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.

INSPECTION NARRATIVE

I arrived at the 6873 Inkster, Taylor at 1430 hours on September 7, 2023. The purpose of visit was to conduct an unannounced compliance inspection of the GLA#10 operations. I approached the site via Inkster Road Northbound and turned right onto the driveway. I drove onto the site and parked on the concrete pavement in front of the gate. There were trucks on the site waiting to pick up loads. Trucks drove onto the loading area located in the yard using the mechanical concrete loading system installed at the site. There was no crushing of concrete at the time of my visit. Grounds were wet with water. The facility had pools of previous stormy rainwater. I inspected the loading procedure, concrete, and the concrete wall mounted around piles. The yard was organized in satisfactory manner in compliance with the fugitive dust abatement requirements. I submitted my request for records to the front window operator for the Manager to provide site production records. The site was satisfactorily wetted. I left the area at 1520 hours.

COMPLAINT/COMPLIANCE HISTORY

GLAS# 10 located Inkster Road, Taylor has not been a concern of citizen complaint since the COVID19 lockdown.

OUTSTANDING VN'S:

None

PROCESS DESCRIPTION:

GLA# 10 operates the concrete mixing process at the 6873 Inkster Road, Taylor location. The installed equipment comprised a concrete crusher, automatic 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# 10 was set up to operate full three shifts covering 24 hours, through 7 days per week, and 365 days of the year. However, the company operates at the rate dictated by demand. The facility kept few in-person employees at the site during loading or unloading of the concrete.

APPLICABLE RULES, PERMIT TO INSTALL, 40 CFR 60, Subparts A and OOO:

The GLA# 10 operation was evaluated consistent with each permit conditions. The inspection determined the facility was in the following compliance state:

General PTI No. 81-00

Special Condition 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 Condition 1.3, 1.4, 1.9: Compliance. The emissions records provided indicated that the facility did not exceed the 2,000,000 tons per year of material through the crushing plant. The emission-summary records confirmed compliance at 98,565 tons to-date per the 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 occurred implemented in accordance with the Appendix A.

Special Condition 1.8: Compliance. VE tests were conducted on October 27-28, 2021 on newly installed equipment in accordance with the NSPS OOO. No visible emissions were observed.

DETERMINATION

The GLA# 10 facility located at 6873 Inkster Road, Taylor was inspected. Fugitive dust requirements and permitted opacity limits were met. The Great Lakes Aggregate Taylor Plant #10 operated in compliance with the General PTI No. 81-00.

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DATE 9/22/23

SUPERVISOR JK