

B5836

MANILA

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

B583673573

FACILITY: OSBORNE CONCRETE CO INC		SRN / ID: B5836
LOCATION: 12864 WAYNE S, ROMULUS		DISTRICT: Detroit
CITY: ROMULUS		COUNTY: WAYNE
CONTACT: JOHN OSBORNE , PRESIDENT		ACTIVITY DATE: 09/03/2024
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Concrete Mixing & Dust Controls.		
RESOLVED COMPLAINTS:		

**COMPLIANCE INSPECTION OF OSBORNE CONCRETE COMPANY****September 3, 2024****37500 Northline Road, Romulus, MI****SRN: B5836****County: Wayne****Present: Deanna Osbourne****Inspector - Terseer Hemben (EGLE)****FACILITY BACKGROUND**

The Osborne Concrete Company (OCC) is located at 37500 Northline, Romulus, MI. The facility installed and operated a concrete batch plant. The facility has water sprinkling system that wets the surfaces and storage piles. There is a water pool and raptors that rinse tire trucks free of dust for vehicles that exit the facility premises after loading.

The OCC facility operates under Permit to Install (PTI) No. 380-98, issued March 3, 2000.

**INSPECTION NARRATIVE**

I arrived at the 37500 Northline, Romulus, at 1200 hours on September 3, 2024. The purpose of visit was to conduct an unannounced compliance inspection of the OCC operation. I approached the site via Northline Road northwest-bound and turned left onto the driveway. I drove onto the side of the front office and parked on the concrete pavement. Trucks drove under the loading silo using automatic concrete loading system installed at the site. Water sprinklers were located at strategic place and sweepers were active. There was no stirred dust in the air at site as grounds had been wetted with suppressants. The facility was swept and cleaned. I inspected the automatic loading procedure, concrete, and the concrete wall mounted around piles. The yard was organized in satisfactory manner in compliance with the PTI. I submitted my request for records to Deanna Osbourne for the site production records. Deanna sent the records of site indicating regular dust suppressing practice indicating that suppressants were applied 3 times per week. Deanna informed the company changed dust bags 2 times per year. I left the area at 1250 hours. Deanna provided copies of monthly production and maintenance records through the email.

**COMPLAINT/COMPLIANCE HISTORY:**

The OCC located along Northline Road, Romulus has not been a concern of citizen complaint since the COVID19 lockdown.

**OUTSTANDING VN'S:**

None

**PROCESS DESCRIPTION:**

The OCC operates concrete mixing processes at 37500 Northline, Romulus location. The installed equipment comprised a concrete mixer, silo with mechanical 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 OCC 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 keeps in-person employees at the site during loading or unloading of the concrete materials.

**APPLICABLE RULES/PERMIT TO INSTALL NO. 380-98:**

The OCC operations was evaluated for compliance with PTI No. 380-98.

Special Condition 3: Compliance. The OCC facility produced below the limit of 300,000 cubic yards per year. The facility produced 49,511 cubic yards for the inspection year 2024.

Plant: Compliance. Visible emissions were not observed from the concrete batch plant and so the process met the opacity limits within the permit.

Storage Piles: Compliance. Stockpiling of all aggregate was performed to minimize drop distance. Stockpiles were sprinkled with dust suppressant adequately to meet the opacity limits included within the permit. Moisture content was maintained by sprinklers.

Truck Traffic: Compliance. Onsite vehicles were automatically loaded. In preventing bulk contents from dropping, leaking, blowing, or otherwise escaping, the vehicles were tarped. Off-site operating trucks were securely tarped or drummed before leaving the yard.

**DETERMINATION**

The Osborne Concrete Company facility located at 37500 Northland Road, Romulus, was inspected. Fugitive dust requirements and permitted opacity limits were met. The OCC operated in compliance with PTI No. 380-98.

NAME    JL   

DATE    10/28/24    SUPERVISOR    JK