

A7734  
MANLYDEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: On-site Inspection

A773473570

FACILITY: MESSINA CONCRETE		SRN / ID: A7734
LOCATION: 600 JUNCTION STREET, PLYMOUTH		DISTRICT: Detroit
CITY: PLYMOUTH		COUNTY: WAYNE
CONTACT: Vince Messina , Vice President		ACTIVITY DATE: 09/09/2024
STAFF: Terseer Hemben	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Concrete Crushing & Dust Controls.		
RESOLVED COMPLAINTS:		

September 9, 2024.

## COMPLIANCE INSPECTION OF MESSINA CONCRETE

September 9, 2024

600 Junction Street, Plymouth, MI

SRN: A7734

County: Wayne

Present: Sid Gillard (for Brian Schaefer)

Inspector -Terseer Hemben (EGLE)

## FACILITY BACKGROUND

The Messina Concrete is located at 600 Junction Street, Plymouth. The facility installed and operated a concrete batch plant. The facility has water sprinkler that wets the surfaces and storage piles. There is a water pool that rinses tire trucks for vehicles that exit the facility premises after loading.

The Messina facility operation is regulated under the Rule 289(2)(d) exemption for a concrete batch plant with annual production of not more than 200,000 cubic yards.

## INSPECTION NARRATIVE

I arrived at the 600 Junction Street, Plymouth at 1400 hours on September 9, 2024 The purpose of visit was to conduct an unannounced compliance inspection of the Messina Concrete operations. I approached the site via Junction and turned left onto the driveway. I drove onto the site and parked on the concrete pavement close to the front of the silo. There were trucks on the site waiting to pick up loads. Trucks drove under the loading bay located under the silo using the automatic concrete loading system installed at the site. Grounds were wet with suppressants. The facility was swept and clean. I inspected the automatic loading procedure, concrete, and the concrete wall mounted around piles. The yard was organized in satisfactory manner in compliance with Rule 289. I submitted my request for records for Brian for the site production records. The production records were submitted by Brian Schaefer via email. Brian Schaefer reported that the site is regularly sprayed, and dust bags are changed 2 times in a year. I left the area at 1440 hours.

## COMPLAINT/COMPLIANCE HISTORY:

The Messina Concrete located along Junction Street; Plymouth has not been a concern of citizen complaint since the COVID19 lockdown.

**OUTSTANDING VN'S:**

None

**PROCESS DESCRIPTION:**

The Messina Concrete operates concrete mixing processes at the 600 Junction Street, Plymouth location. The installed equipment comprised a concrete mixer, silo with 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 Messina Concrete 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 few in-person employees at the site during loading or unloading of the concrete materials.

**APPLICABLE RULES:**

Rule 289: The facility installed and operated an asphalt and concrete production equipment. The equipment was exempt under the Rule 289(2)(d) by which:

The Messina Concrete facility produced below 200,000 cubic yards per year (specifically 90,000 cubic yards/year per 2023/2024 records).

Dust filter bags were changed 2 times in 12 months.

Plant: Compliance. A spray system was located at strategic locations to reduce and control fugitive dust emissions as needed.

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 rule. Moisture content was maintained by sprinklers.

Truck Traffic: Compliance. Onsite vehicles were technically loaded to prevent bulk contents from dropping, leaking, blowing, or otherwise escaping. This was achieved through the designed loading bay that dropped loads in measured amounts and configuration. Off-site operating trucks were securely tarped or drummed before leaving the yard.

**DETERMINATION**

The Messina Concrete facility located at 600 was Junction Street, Plymouth was inspected. Fugitive dust requirements and opacity limits were met. The Messina Concrete operated in compliance with Rule 289(2)(d).

NAME

flh

DATE

9/23/24

SUPERVISOR

JK