

M4112

MANILA

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

M411263735

FACILITY: Detroit Ready Mix Concrete, Inc.		SRN / ID: M4112
LOCATION: 9189 CENTRAL ST, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Bunky Wheatley , President		ACTIVITY DATE: 09/28/2022
STAFF: Gerald Krawiec	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection for FY22.		
RESOLVED COMPLAINTS:		

AQD On-site Inspection, September 28, 2022.

AQD staff conducted an On-site Inspection for FY 2022 of Detroit ready Mix Concrete Inc., located at 9189 Central Street in the City of Detroit. The purpose of the inspection was to determine the facility's compliance with applicable state and federal air pollution rules and regulations, and AQD's PTI 32-19. Bunky Wheatley, President, accompanied AQD staff during this inspection.

BACKGROUND:

Same as last year.

This facility was last inspected by AQD on August 26, 2021.

At that time, the facility was determined to be operating in compliance.

PROCESS DESCRIPTION:

The primary industrial activity at this site is the production and distribution of pre-mix batch concrete. Aggregates are delivered to the site by truck. There are several 3-sided bins where trucks unload the raw materials. Raw materials are separated into the bins by aggregate size, there is also a sand pile. There is a water spray system directed at these bins, and sand pile that is used when needed to control dust. This system may also be used to control raw material moisture content when needed. Front-end loaders are used to load construction aggregates from storage bins and stockpiles into the concrete plant feed hopper. Cement, fly ash, and slag are delivered to the site by truck and pneumatically conveyed into a designated storage silo. These products are stored in 3 separate silos, emissions from each of the silo is controlled by a baghouse located at the top of the silo (3 baghouses).

Concrete production at the source is on a batch mixing basis, where aggregates, cement, additive chemicals, and water are conveyed directly into a concrete mixer/hauling truck aka transit mixer. Emissions from this truck loading operation are also controlled by a separate baghouse. The actual mixing of the product is completed in the transit mixer while traveling to the customers jobsite.

OPERATING SCHEDULE:

Detroit Ready Mix operates from 6:00am to 4:00pm, 5-days a week, and half days on Saturday as needed. There are 36 employees., including the truck drivers.

INSPECTION NARRATIVE:

Whenever nearby, AQD staff conducted surveillance at this site. I noticed that a truck washer had been installed at the south end of the property. I contacted Bunky and requested to take photos. He was busy but gave me permission to enter the site, just let him know when I leave. I observed a few trucks going through this wash (photo attached). I also noticed that all of the truck routes had been paved with concrete. In further discussion with Bunky, he stated that he wanted to make improvements for a long time, and finally was able to do what he wanted. No more track-out or street sweeping required.

No emissions, or fugitive dust was observed. When scheduling this inspection, I made a request of Mr. Wheatley, to make copies of the 2021 concrete production records, air permit required compliance and maintenance logs, and fugitive dust control logs. I wanted copies that I can take with me to review off-site.

POST INSPECTION:

Upon closing this inspection, I thanked Bunky for making copies of the records available. I stated that I will be reviewing the company records off-site. If I have any questions or issues, I will be in contact with him.

OFF-SITE RECORDS REVIEW:

The concrete production records indicated for 2021, concrete production was 98,763 cubic yards. For 2022 production through August was 56,791 cubic yards. Well within the limits in the PTI. Copies are attached and demonstrate compliance.

Records of yard sweeping, dust suppressant application, and stockpile watering for the past 12-months through July 2021 demonstrate compliance (random samples attached).

Records of source-wide Fugitive Dust and sediment track-out routine inspections for the past 12-months through July 2021 demonstrate compliance (random samples attached).

COMPLIANCE DETERMINATION:

Based on this plant inspection and the review of the conditions of the Detroit Ready Mix Operating Program (PTI No. 32-19). The company is operating in compliance with applicable air quality rules and regulations.

NAME BJKawie

DATE 6/2/24

SUPERVISOR JK