

H6483

MANILA

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

H648369106

FACILITY: SUPERIOR MATERIALS LLC		SRN / ID: H6483
LOCATION: 20565 HOOVER STREET, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT: Mike Kroon , Area Manager		ACTIVITY DATE: 09/21/2023
STAFF: Gerald Krawiec	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: FY2023 on-site inspection		
RESOLVED COMPLAINTS:		

#### AQD On-site Inspection, September 21, 2023.

AQD staff conducted an On-site Inspection for FY 2023 of Superior Materials, located at 20565 Hoover 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 137-18. The new Area Manager, Mike Kroon accompanied AQD staff during this inspection.

#### BACKGROUND:

Since 1987 there has been a dry mix concrete batch plant at this location. The facility is located on a 1.95-acre parcel of land. Located near the intersection of Hoover and 8-Mile Roads in the City of Detroit. Originally Cornillie Fuel & Supply, Inc. operated a Concrete Batch Plant with 2 Auxiliary Dust Collectors since January 1987.

In the year 2000, Superior Materials purchased and continued the operation of this facility designating it Plant #2. In August 2018, Superior Materials applied for a PTI and on October 17, 2018, was issued an Operating Program (PTI No. 137-18). The purpose of this PTI is to describe the tools and methods used to control fugitive dust emissions in accordance with Section 5524 of the Natural Resources and Environmental Protection Act, being MCL 324.5524, *Fugitive dust sources or emissions*.

This facility was last inspected by AQD on <sup>September 22</sup> ~~August 11~~, 2022. At that time, the facility was determined to be operating in compliance.

#### PROCESS DESCRIPTION:

The process has not changed since the last inspection.

#### OPERATING SCHEDULE:

Superior Materials Plant #2 aka the Hoover Plant, operates on an as-needed basis only. A review of the company's production records confirms intermittent operation.

Only two employees are required to run the plant plus truck drivers. A review of 2022 and 2023 production records confirm part-time operations.

#### INSPECTION NARRATIVE:

AQD staff conducted surveillance at this Site on July 11, 2023, and September 7, 2023, the gates were open however, it was not clear if the plant was operating either date. There were no visible emissions from the plant operations, track-out onto Hoover Road was minimal both days. When I am nearby this area, I often find the facility gates locked. I contacted the Plant Manager, Mike Kroon and scheduled this inspection. I also requested copies of the 2022 and 2023 concrete production records, air permit required compliance and maintenance

logs, and fugitive dust control logs. The copies of these records, and logs will be reviewed off-site.

The plant is not operating today. There was only plant maintenance work being done. This facility also has the City of Detroit required license from BSEED regarding storage piles and fugitive dust. Two (2) City of Detroit inspectors conducted an inspection of the site about 3-weeks ago.

#### EMISSIONS:

Potential emissions from the storage and handling of aggregate materials and dust emissions from paved and unpaved roads were calculated by the company. Per AQD's PTI 137-18, the particulate emissions were below major source thresholds. The PTE for controlled PM10 emissions is calculated to be 5.97 tpy based on a material throughput of 200,000 cubic yards per year. The material throughput for the year 2022 was 39,541 cubic yards, and for the year 2023 from January - August is 5,719 cubic yards.

#### POST INSPECTION:

Upon closing this inspection, I thanked Mr. Kroon 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 were reviewed for January – December 2022 and the production was 39,541 cubic yards. Copies are attached and demonstrate compliance. The concrete production records were reviewed for January – August 2023 and production is 5,719 cubic yards. Copies demonstrate compliance and are attached.

Records of yard sweeping, dust suppressant application, and stockpile watering for the past 12-months through September 2023 demonstrate compliance (random samples attached).

Records of source-wide Fugitive Dust and sediment track-out routine inspections for the past 12-months through September 2023 demonstrate compliance (random samples attached).

#### COMPLIANCE DETERMINATION:

Based on this plant inspection and the review of the conditions of Superior Materials Operating Program (PTI No. 137-18). Superior Materials Plant #2 aka; the Hoover Plant is operating in compliance with applicable air quality rules and regulations.

NAME

BgKlawie

DATE

6/3/24

SUPERVISOR

JK