

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
**ACTIVITY REPORT: Scheduled Inspection**

P102054434

<b>FACILITY:</b> Messina Trucking, Inc.		<b>SRN / ID:</b> P1020
<b>LOCATION:</b> 6386 Auburn Road, SHELBY TWP		<b>DISTRICT:</b> Southeast Michigan
<b>CITY:</b> SHELBY TWP		<b>COUNTY:</b> MACOMB
<b>CONTACT:</b> Stephen Messina , Manager/VP		<b>ACTIVITY DATE:</b> 07/15/2020
<b>STAFF:</b> Shamim Ahammod	<b>COMPLIANCE STATUS:</b> Non Compliance	<b>SOURCE CLASS:</b>
<b>SUBJECT:</b> Conducted a scheduled on-site inspection. The facility appears to be in non-compliance with the conditions of Permit number 83-19.		
<b>RESOLVED COMPLAINTS:</b>		

On July 15, 2020, I (Shamim Ahammod), Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) staff, conducted a scheduled on-site inspection of Messina Trucking, Inc located at 2218 Juengel Road, Shelby Township, Michigan. The purpose of the inspection was to determine the company's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Permit to Install (PTI) No. 83-19.

### Source Description

The facility uses a crusher to crush the concrete. The crushed concrete is screened to remove dirt and to separate the large and small aggregate. The facility uses an excavator to reduce the size of the larger particle.

### Inspection Arrangement

Due to the COVID-19 pandemic, I prearranged this announced inspection on July 15, 2020, at 12:30 PM. I also requested the record-keeping information before the inspection day to reduce the inspection time. Mr. Messina sent me the requested information via email.

### Onsite Inspection

On July 15, 2020, at 12.40 PM, I arrived at the facility and was greeted by Mr. Stephen Messina, Owner of the Messina Trucking, Inc. I introduced myself, provided credentials, and stated the purpose of the inspection. I walked through the facility. During my inspection, I observed the screening operation. I observed that one excavator has been used to breakdown the larger concrete to smaller concrete. The crushing equipment was not operating at the time of inspection. The roadway from the facility was sprayed with calcium chloride on July 14, 2020, according to Mr. Messina.

## REGULATORY ANALYSIS

### Emission Limit

During my inspection, the crusher was not operating, and no visible emission was observed from the crusher. At the time of inspection, the screen was being operated and the visible emission was observed less than the opacity limit of 7%.

### Material Limit

Mr. Messina provided the requested record via email. From January 2019 through June 2020; the total amount of material (in the yard) processed in FGCRUSHING was 73010 yards or 41.48 tons which was less than the permit limit of 100,000 tons. Per SC II.2, the permittee hasn't crushed any asbestos-containing waste materials in the facility according to the company.

### Process/Operational Restrictions

Per SC III.1, the permittee controls fugitive emissions for all facility roadways, the facility yard, all storage piles, and all material handling operations areas. Mr. Messina sent me the record of the applied calcium chloride throughout the facility via email. From January 2019 through June 2020, the total amount of calcium chloride (in gallons) applied in FGCRUSHING was 135000 gallons.

### Design/Equipment Parameters

Per SC IV.1, the permittee sprays water on each crusher during the operational time but does not spray water on each screen. The reason for not spraying water on each screen is the screen is not become dusty, according to Mr. Messina.

Per SC IV.2 the permittee hasn't installed and maintained a belt scale on the transfer conveyors portion of FGCCRUSHING. This is a violation of FGCRUSHING SC IV.2 of permit no. 83-19. AQD will issue a violation notice to the facility for the violation of FGCRUSHING SC IV.2 of Permit no. 83-19.

### Testing/Sampling

Per SC V.1, the permittee hasn't verified the visible emission rate and particulate emission rate from all crushers, screens, all transfer points on conveyors, and all other miscellaneous equipment associated with FGCRUSHING. This is a violation of FGCRUSHING SC V.1 of permit no. 83-19. AQD will issue a violation notice to the facility for the violation of FGCRUSHING SC V.1 of Permit no. 83-19.

### Monitoring/Recordkeeping

Per SC VI.2, Mr. Messina provided the monthly record of material processed in FGCRUSHING via email. From January 2019 through June 2020, the total amount of material (in the yard) processed in FGCRUSHING was 73010 yards.

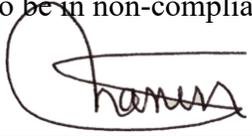
Per SC VI.3, the permittee does not keep daily records of the amount of material processed through FGCRUSHING. This is a violation of FGCRUSHING SC VI.3 of permit no. 83-19. AQD will issue a violation notice to the facility for the violation of FGCRUSHING SC VI.3 of Permit no. 83-19.

Per VI.4, the permittee applies water and calcium chloride throughout the facility to minimize the fugitive dust for all plant roadways, the plant yard, and all material storage pile.

### Reporting

Per VII.1, the permittee is required to notify AQD once the equipment is installed in the facility. On May 8, 2019, Robert Joseph, AQD District Inspector sent a violation letter to this facility for installing a nonmetallic crusher without obtaining a permit to install. To resolve the VN, the facility applied for the Permit and AQD issued the permit no. 83-10 on July 22, 2019. AQD knows that the permittee has installed the equipment in the facility.

Based on an onsite inspection, review of records, and discussion with the facility's staff, the facility appears to be in non-compliance with the conditions of Permit number 83-19.

NAME 

DATE August 3, 2020

SUPERVISOR 