

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

ACTIVITY REPORT: Self Initiated Inspection

P095246456

FACILITY: Lee Transportation		SRN / ID: P0952
LOCATION: 631 Cesar E. Chavez, PONTIAC		DISTRICT: Southeast Michigan
CITY: PONTIAC		COUNTY: OAKLAND
CONTACT: Robert L. Friebe ,		ACTIVITY DATE: 08/10/2018
STAFF: Adam Bognar	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Self-Initiated Inspection		
RESOLVED COMPLAINTS:		

On Friday, August 10, 2018, Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) staff, I, Adam Bognar, and Lauren Magirl conducted an unannounced self-initiated inspection of Lee Transportation, Inc., located at 563 North Cass Avenue, Pontiac, MI. The purpose of this inspection was to determine the facility's compliance status with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) rules.

This facility is part of a group of contiguous properties/warehouses all owned and operated by Lee Transportation, Inc. We inspected all of the following locations:

- Transportation (CN) Building – 563 N. Cass Ave, Pontiac, MI 48342
- South Fabrication / Paint Building – 585 Cesar E Chavez, Pontiac, MI 48342
- Mechanics / Paint Building – 701 Cesar E Chavez, Pontiac, MI 48340
- HR / Carpentry / HVAC Building – 605 Cesar E Chavez, Pontiac, MI 48342
- Main Building (Office, Electrical, Pipefitting, Foundations, Manlift) –
631 Cesar E Chavez, Pontiac, MI 48342
- Lee Machine Movers (LMM) North building – 675 Cesar E Chavez, Pontiac, MI 48340

Additionally, this inspection was conducted to follow up on a complaint MDEQ-AQD received on August 2, 2018 (Complaint #: C-18-02158). The complainant alleged that sandblasting was being performed outdoors without any engineering controls (enclosure) resulting in large clouds of debris that deposited onto soils, air, surface water, and the road. Due to potential storm water concerns, MDEQ Water Resources Division (WRD) staff Ryan Schwarb was also present during this inspection to evaluate compliance with MDEQ-WRD rules.

We arrived at Lee Transportation, Inc. (the "facility") at around 9:45 am and met with Mr. Robert L. Friebe, Facility Manager. We identified ourselves and stated the purpose of the inspection. We informed Mr. Friebe of the complaint we received. Mr. Friebe confirmed that the sandblasting had taken place and showed us the location that it was performed.

Mr. Friebe explained that Lee Transportation was contracted to refinish a bridge. The bridge was disassembled and sent to Lee transportation in pieces. Lee Transportation had sub-contracted a company (Blastec) to do sand blasting on the bridge to remove old paint. This sandblasting was performed outside with no enclosure. The ground at the location was covered in sand. Small bits of white paint were observed around the area.

I explained that Air Quality regulations do not permit sandblasting to be performed outdoors without an enclosure. For Lee Transportation to operate without an air permit to install under exemption Rule 285(2)(vi), they must exhaust emissions to the "General In-Plant Environment". If it is not possible to perform sandblasting within one of the warehouses at these properties, then an enclosure must be built around the sandblasting taking place. The enclosure could be constructed of scaffolding and tarp-material in such a way that no sand blasting media, paint, or other air contaminants can escape.

Later on during this inspection MDEQ staff observed that Lee Transportation was grinding paint off a large metal container outdoors without any enclosure. I explained that any machining operation that causes air contaminants to be emitted needs to be done in an enclosed space.

I explained that the way these activities took place is a violation of MDEQ-AQD rules. Lee Transportation, Inc.

must operate these machining operations pursuant to Rule 285 (2)(l)(vi) or obtain a permit to install from the MDEQ-AQD. A violation notice was sent to Lee Transportation on August 31, 2018 seeking compliance with Rule 201 requirements.

On August 27, 2018, Mr. Friebe provided an analytical lab report for the sandblasting dust (Attachment 1). Based on the results of the testing, the sandblasting dust does not appear to be a hazardous waste.

MDEQ staff made our way around each of these buildings. There are two paint booths present. One booth is located in the "South Fabrication / Paint Building". This booth is used to paint larger pieces of equipment. The bridge pieces that were previously sandblasted outdoors were inside this booth for repainting. No painting was taking place at the time of inspection. A booth exhaust stack was present that is preceded with an appropriately installed fabric filtration system.

The other booth is in the "Mechanics / Paint Building". This booth is used to paint vehicles and is sized accordingly. No painting was taking place. A booth exhaust stack is present that is preceded with an appropriately designed fabric filtration system.

Mr. Friebe provided me with paint purchase records after the inspection (Attachment 2). The records provided detail the amount of paint purchased from August 2017 through August 2018. Total paint used between these dates was 2,626 gallons, which equates out to 219 gallons per month. Mr. Friebe estimates that only around half of the paint purchased was used in the booths on site. The other half of the paint purchased is used on customer sites. Mr. Friebe agreed to keep more detailed records in the future that indicate the amount of paint used on-site in each of the two booths individually. These booths appear to be exempt from Rule 201 requirements pursuant to Rule 287 (2)(c).

There are various storage tanks and a refueling station which appear to be exempt from Rule 201 requirements pursuant to Rule 284 (2)(c) and (g).

Mr. Friebe stated that there are no boilers. All facilities are heated with natural gas fired space heaters that appear to be exempt from Rule 201 requirements pursuant to Rule 282(2)(b)(i).

There is a 17 KW natural gas fired emergency generator on-site. Mr. Friebe provided me with documentation showing that this generator is EPA certified for conformity with the Clean Air Act and 40 CFR Part 60 Subpart JJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (Attachment 3). This unit appears to be exempt from Rule 201 requirements pursuant to Rule 285 (2)(g) because its heat input is less than 10MM Btu/hour.

As a result of this inspection, Lee Transportation was advised by Ryan Schwarb to obtain a stormwater permit from the MDEQ-Water Resources Division.

We left the facility at around 11:30 am.

Compliance Determination

Observations made during my inspection and record review indicate that Lee Transportation, Inc. is not operating in 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); and Michigan Department of Environmental Quality-Air Quality Division (MDEQ-AQD) Administrative Rules. A violation notice was sent to Lee Transportation, Inc. on August 31, 2018 seeking compliance with Rule 201 requirements.

NAME Adam Berger DATE 10/2/2018 SUPERVISOR SK