

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Self Initiated Inspection

U5014488725521

FACILITY: Winfield's Machine Repair, Inc.		SRN / ID: U50144887
LOCATION: 29761 Groesbeck, Roseville		DISTRICT: Southeast Michigan
CITY: Roseville		COUNTY: MACOMB
CONTACT: Daryl Sunday , Manager		ACTIVITY DATE: 06/09/2014
STAFF: Robert Elmouchi	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self initiated inspection.		
RESOLVED COMPLAINTS:		

On Monday, June 9, 2014, I conducted an inspection of Winfield's Machine Repair, Inc. located at 29761 Groesbeck, Roseville, Michigan. This facility is identified by the Air Quality Division with the State Registration Number (SRN) / ID of U50144887. The purpose of this inspection was to determine the facility's compliance with the requirements of the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the administrative rules; and to determine if the processes or activities at this facility are a source of particulate fallout affecting complainants working at Graphics East.

I entered the building, met with Mr. Daryl Sunday, Foreman, identified myself and stated the purpose of the inspection. Mr. Sunday escorted me throughout the inspection of this facility.

Winfield's Machine Repair specializes in the repair and service of steel stamping and fabricating equipment, portable machine services, rigging, erecting, and hauling.

I observed equipment used to repair machines as well as machines in various stages of repair. This facility has lathes, a surface grinder, drills and other associated equipment. I observed a cold solvent parts cleaner, which appeared to have an air/vapor interface less than or equal to 10 square feet. Mr. Sunday stated that 142 solvent is used in the parts cleaner and provided a copy of the material safety data for this material (hard copy attached). The cold solvent consists of high flash mineral spirits (CAS# 64742-47-8). The 142 solvent does appear to not contain any halogenated hydrocarbons.

This facility does not have a surface coating line or spray booth. I did not observe any process related exhaust stacks protruding from the building. Mr. Sunday stated that cans of spray paint are occasionally used. This activity is exempt from the requirement of obtaining an approved air use permit to install (PTI) per the R 336.1287(b) exemption from R 336.1201, which states in part, "The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following: (b) A surface coating process that uses only hand-held aerosol spray cans, including the puncturing and disposing of the spray cans."

Mr. Sunday and I walked outside where I observed the driveway and parking lot. Both the driveway and parking lot are unpaved. Mr. Sunday stated that, when needed, Winfield's purchases 3" crushed concrete from Roseville Crushed Concrete, which is spread across Winfield's unpaved surfaces. I asked if calcium chloride is applied to the unpaved surfaces and Mr. Sunday indicated that calcium chloride was not used. Mr. Sunday stated that the big truck parking lot is used for storage, parking, equipment inspections as well as loading and unloading trucks. I did not observe any activities or processes occurring on the unpaved surfaces that would create fugitive emissions noticeably greater than ambient conditions.

I asked Mr. Sunday if he had noticed fallout from Roseville Crushed Concrete, which is adjacent to Winfield's property along the north perimeter. Mr. Sunday stated that he has not observed fallout from Roseville Crushed Concrete. Mr. Sunday stated that he has to change the filters in the rooftop ventilation system monthly versus the typical two times per year because the air filters get clogged with dust, which he believes originates from Roseville Crushed Concrete. Mr. Sunday's claim that particulates emitted from Roseville Crushed Concrete increase the need for more frequent ventilation system maintenance appears to support the claim by Graphic East's management that particulates from Roseville Crushed Concrete result in the need for more frequent servicing and maintenance of Graphic East's HVAC system (see activity report N665825473) .

## CONCLUSION

The processes and activities I observed at Winfield's Machine Repair, Inc. appear to be exempt or not subject to Michigan air pollution control rules. The processes and activities I observed at Winfield's Machine Repair, Inc. did not appear to contribute to the generation of particulates in quantities noticeably greater than ambient conditions. Therefore, Winfield's Machine Repair does not appear to contribute to fallout on the complainants' vehicles at Graphics East in quantities noticeably greater than ambient accumulation.

NAME

*Robert S. ...*

DATE

7-10-14

SUPERVISOR

*Joseph ...*