

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

P045232014

FACILITY: CITY OF FARMINGTON HILLS		SRN / ID: P0452
LOCATION: 31555 W ELEVEN MILE ROAD, FARMINGTN HLS		DISTRICT: Southeast Michigan
CITY: FARMINGTN HLS		COUNTY: OAKLAND
CONTACT: Kevin McCarthy , Superintendent		ACTIVITY DATE: 10/07/2015
STAFF: Kerry Kelly	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Fiscal year 2015 targeted inspection		
RESOLVED COMPLAINTS:		

On October 7, 2015, Kerry Kelly conducted a scheduled inspection at the City of Farmington Hills, Department of Public Works (DPW) located at 27245 Halstead Road, Farmington Hills, Michigan. This facility is identified by the Air Quality Division with the State Registration Number (SRN) of P0452. 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); Michigan's Air Pollution Control Rules; and the conditions of Permit to Install (PTI) No. 91-13.

INSPECTION

I entered the site, presented my DEQ employee photo identification, explained the purpose of the inspection, and gave a copy of the pamphlet "Environmental Inspections: Rights and Responsibilities" to Mr. Kevin McCarthy, DPW Superintendent. Mr. McCarthy accompanied me on the inspection.

FACILITY DESCRIPTION

The DPW yard, located at 27245 Halstead Road in Farmington Hills, has an office building, a maintenance garage, an emergency generator, and a storage building. A water tower was constructed in the rear of the DPW yard. Construction commenced on the foundation of the water tower in November of 2012 and the tank was placed on line in June of 2014. The water tower is owned by the City of Farmington Hills and managed by Oakland County Water Resources Commission. The address for the water tower is 27239 Halsted, Farmington Hills, Michigan.

EMISSION UNITS

Sand Blast Unit

On September 26, 2013, Michigan Department of Environmental Quality – Air Quality Division (MDEQ-AQD) issued PTI 91-13 to the City of Farmington Hills. The emission unit permitted in PTI 91-13 is portable abrasive blast cleaning equipment powered by portable generators. According to Mr. McCarthy, the sand blast equipment was owned and operated by a sub-contractor to Landmark Structures Consulting. Landmark Structures Consulting was hired by the City of Farmington Hills to construct and install the water tower. Mr. McCarthy stated that the sand blast equipment and materials are no longer located at 27245 Halsted Road, Farmington Hills, Michigan. Ms. Kelly did not observe any sand blast equipment or materials at the facility. Ms. Kelly will request PTI 91-13 be voided because the equipment has been removed from 27245 Halsted, Farmington Hills, Michigan.

Emergency Generator

AQD staff inspected one diesel-fired emergency generator installed on July 1, 1997. The generator is manufactured by Kohler and the model is 275 ROZD71. The generator's maximum power at rated rpm is 1,074,825 Btu/hour (422 brake horse power). This equates to a maximum rate heat input capacity of approximately 4,299,300 Btu/hour based on 25 percent thermal efficiency. This generator appears to be exempt from R 336.1201 per R 336.1285(g) because the maximum heat input is less than 10,000,000 Btu/hour. This engine does not appear to be subject to the Standards of Performance for New Stationary Sources (40 CFR 60 Subpart JJJJ) based on the installation date. Michigan Department of Environmental Quality, Air Quality Division (MDEQ, AQD) has not accepted delegation from the U.S. Environmental Protection Agency (USEPA) for enforcing the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR 63 Subpart ZZZZ) at area sources of hazardous air pollutants.

Parts Washer

Farmington Hills DPW has one cold cleaner with an air/vapor interface less than 10 square feet that contains mineral spirits and is serviced by Dyna Clean. During the inspection the lid to the cold cleaner was closed, a

device was available for draining parts, the waste solvent was stored in closed containers, and written procedures, provided by AQD staff, were being posted in an accessible, conspicuous location near the cold cleaner. This unit appears to be exempt from R 336.1201 per R 336.1281(h) and appears to be in compliance with R 336.1707.

CONCLUSION

The City of Farmington Hills appears to be operating in compliance with air quality regulations.

NAME Kerry Kelly DATE 11-2-15 SUPERVISOR CJE