

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

P029229685

FACILITY: HP Enterprise Services, LLC		SRN / ID: P0292
LOCATION: 1872 ENTERPRISE DRIVE, ROCHESTER HLS		DISTRICT: Southeast Michigan
CITY: ROCHESTER HLS		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 06/05/2015
STAFF: Kerry Kelly	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT:		
RESOLVED COMPLAINTS:		

On June 5, 2015, AQD staff Sebastian Kallumkal and I conducted an unannounced inspection of Hewlett-Packard Enterprise Services located at 1872 Enterprise Drive, Rochester Hills, Michigan. This facility is identified by the Air Quality Division with the State Registration Number (SRN) of P0292. 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. 161-11.

#### General Information

Hewlett-Packard Enterprise Services provides high-speed printing to clients. Regular hours of operation are 24 hours a day Monday – Friday.

#### Pre-Inspection Meeting

During the pre-inspection meeting we initially showed our credentials (ID Badge), stated the purpose of our visit, and gave a copy of the pamphlet "Environmental Inspections: Rights and Responsibilities" to Mr. Gary Allen, Building Manager. Mr. Allen contacted Mr. Alex Accica, Facility Manager with ISS Facility Services Inc. Mr. Accica and Mr. Bryan Borkowski (also from ISS Facility Services Inc.) met us at Hewlett-Packard Enterprise Services. Mr. Allen, Mr. Accica and Mr. Borkowski accompanied us during the inspection.

#### PTI 161-11

The emission unit subject to air quality regulations at this facility is a Cummins diesel-fueled reciprocating internal combustion engine (RICE) manufactured in 2011, and is identified in PTI no. 161-11 as EUENGINE1. Sebastian and I inspected EUENGINE1.

#### Emission Limits

The emission limits for EUENGINE1 are 4.77g/hp-hr NMHC + NOx, 2.61 g/hp-hr CO, and 0.15 g/hp-hr PM. The emission rates for EUENGINE1, which are within the emission limits, are verified by manufacturer certification documentation currently on file at the AQD office in Warren.

#### Material Limits

Only diesel fuel with a maximum sulfur content of 15ppm (0.0015 percent) by weight is permitted for use in EUENGINE1. Mr. Borkowski gave me a copy of the invoice from Brick/Jeda Oil Company and the "Loading Ticket/Bill of Lading" and "Certificate of Analysis" from Marathon Petroleum Company for oil delivered, as required in the monitoring/record keeping section, to demonstrate the sulfur content of the fuel in EUENGINE1 was less than 15ppm. The sulfur content on the "Certificate of Analysis" is recorded as 12 ppm.

#### Process/Operational Restrictions

EUENGINE1 shall not operate for more than 500 hours per year, no more than 100 hours for necessary maintenance checks and readiness testing, on a 12-month rolling time period basis. Monthly and 12-month rolling engine hours and operating hours, including date, time and reason for operation, were provided as required in the monitoring/recordkeeping section of the permit. The recorded hours are within permit limits. The maximum reported 12-month rolling total hours was 43.90.

#### Design/Equipment Parameters

The two conditions in this section of the permit require a non-resettable hours meter and a nameplate capacity not to exceed 1500 kW (2,220 hp). Mr. Borkowski showed us the non-resettable hours meter and nameplate on EUENGINE1. The non-resettable hours meter displayed 94.7 hours and 170 starts. The nameplate capacity is 2220 HP at 1800 RPM and 1980 HP at 1500 RPM.

*Conclusion*

Hewlett-Packard Enterprise Services appears to be operating in compliance with air quality regulations.

NAME Kerry Kelly DATE 6/16/15 SUPERVISOR CJE