

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

N780226783

FACILITY: DETROIT EDISON		SRN / ID: N7802
LOCATION: 2240 VAN DYKE RD, GOODLAND		DISTRICT: Lansing
CITY: GOODLAND		COUNTY: LAPEER
CONTACT:		ACTIVITY DATE: 08/26/2014
STAFF: Brian Culham	COMPLIANCE STATUS: Compliance	
SUBJECT: Determine compliance with a General PTI and evaluate MACT ZZZZ status.		SOURCE CLASS:
RESOLVED COMPLAINTS:		

A General Permit to Install (GPTI) for Diesel Fuel-Fired Engine Generators with a maximum capacity of 5 megawatts was created by the Air Quality Division and revised on January 31, 2005. The general permit 162-07 for a 2900 HP Diesel Fuel-Fired Engine Generator was issued to Detroit Edison for the Shaw Substation on May 9, 2007. The blueprint included in the application indicated the substation would expand eastward along Shaw Rd., beyond the existing fence line, where a generator set would be installed.

On July 6, 2010 a letter signed by Vince Hellwig was released stating that the current General Permit to Install for Diesel Fuel-Fired Engine Generators was being suspended from use. The reason was that a new federal National Ambient Air Quality Standard (NAAQS) for nitrogen dioxide (NO2) had come into effect. The general permit for diesel generators, as written, did not limit NO2 emissions to adequately ensure compliance with the new 1-hour NO2 limit. The letter also stated that any general permits previously issued for diesel-fired generators would remain in effect.

On August 26, I drove to the property to determine the status of this permit and to evaluate if the unit may be subject to the reciprocating internal combustion engine (RICE) "Area Source" MACT requirements for 40 CFR 63 subpart ZZZZ. Certain monitoring requirements in the subpart, as well as the GPTI, must be met.

I arrived at the Shaw Substation property at 8:00 am. It is located at 2240 Van Dyke Rd; on the corner of Shaw Rd. in Goodall Township. The substation was fenced and the entrance gate was locked. There were no employees present. From the drive I could clearly see that the property did not contain any structure of a size capable of housing a 2900 hp engine. The east fence line was identifiable and there was no expansion eastward beyond the edge of the driveway as had been indicated in the blueprint submitted with the permit application.

I did not identify any other emission units on the property.

General Permit to Install 162-07 includes general condition #9 which states; If the installation of the equipment for which coverage under this general permit to install has been issued, has not commenced within, or has been interrupted for, 18 months, then the general permit to install shall become void unless otherwise authorized by the Department as a condition of the permit.

On September 9, 2014, I e-mailed Sue Thelen and requested that this permit be voided for the above reason.

NAME Brian Culham DATE 9-9-2014 SUPERVISOR M. M. [Signature]