

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

M484139051

FACILITY: Detroit Water & Sewerage, Oakwood Pump Station		SRN / ID: M4841
LOCATION: 12330 Sanders, DETROIT		DISTRICT: Detroit
CITY: DETROIT		COUNTY: WAYNE
CONTACT:		ACTIVITY DATE: 03/23/2017
STAFF: Katherine Koster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Synthetic Minor
SUBJECT: FY2017 Targeted Inspection		
RESOLVED COMPLAINTS:		

On 3/23/2017, I arrived at the location of this facility around 1:30 p.m. Due to the construction of the Oakwood Combined Sewer Overflow facility on Pleasant Street, the Oakwood Pumping Station, which was located on this property before construction of the CSO, no longer exists. The generator and associated engine permitted under 258-99B had been moved to the Ypsilanti pumping station. This was documented in the attached letter and with the issuance of 258-99C. The generator was for emergency use and peak shaving per the description in the permit. PTI 258-99B was voided in March 2015 per permit cards.

The Oakwood CSO has a different address and SRN (N7704) than the Oakwood pump station and is therefore a separate source.

Regarding the CMS status of this site, PTI 258-99A was issued with an hours of operation limit above the 500 hours per year for the generator. In PTI 258-99B, the facility requested a diesel fuel limit in place of the hours of operation limit. Without the diesel limit, assuming an 8760 operation, and a fuel consumption of 138 gal/hr at 100% load from the engine spec sheet, the maximum fuel that can be combusted is 1,208,880 gallons. Using a NOx emission factor of .2434 lb/gal from the permit results in the PTE of NOx of 147 tons. As such, this appears to be an opt out source.

NAME Katherine Koster DATE 3/27/17 SUPERVISOR W.M.