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

B618932871

FACILITY: City of Charlotte Waste Water Treatment Plant		SRN / ID: B6189
LOCATION: 1005 Paine Dr., CHARLOTTE		DISTRICT: Lansing
CITY: CHARLOTTE		COUNTY: EATON
CONTACT: Matt Griffith, Superintendent of Utilities		ACTIVITY DATE: 12/14/2015
STAFF: Michelle Luplow	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Self-initiated inspection to determine compliance with the City of Charlotte's 2 PTI's for a waste digester gas burner and ozone odor control equipment.		
RESOLVED COMPLAINTS:		

Inspected by: Michelle Luplow (author) and Dave Thompson (Permit Engineer)
Personnel Present: Matt Griffith, Superintendent of Utilities (mgriffith@charlottemi.org)

Purpose: Conduct an unannounced, self-initiated compliance inspection by determining compliance with City of Charlotte's Permits to Install (PTI) Nos. 472-77 (ozone generators) and 563-78 (digester waste gas burner). There are no records on file that the Air Quality Division (AQD) has ever inspected this source in the past.

Facility Background/Regulatory Overview: The City of Charlotte Wastewater Treatment Plant (WWTP) treats the city's domestic and industrial wastewater before discharging to the Battle Creek River. Treatment is done using preliminary treatment; primary, secondary and tertiary clarifiers; digesters; trickling filters and a grit tank. Matt Griffith, Superintendent of Utilities, said that they no longer use chlorine to disinfect the water; UV light is used instead. He said the ozone odor control equipment permitted under PTI 472-77 is gone, and therefore I will request that PTI 472-77 be voided. Replacement odor control is a packed bed scrubber which uses a combination of reaction with scrubber chemicals and a packed bed to remove odors. This replacement control technology is not exempt from the need to obtain a PTI because Rule 285(m)(i)(iv) does not allow odor control equipment to be installed without a permit. I will request that the City of Charlotte apply for a PTI for the new control equipment within 2 weeks of the signature date on this report.

Inspection: This was an unannounced self-initiated compliance inspection. At approximately 1:30 p.m. on December 14, 2015, Dave Thompson and I met with Matt Griffith. I provided M. Griffith with a DEQ "Environmental Inspections: Rights and Responsibilities" brochure, a July 2014 Permit to Install Exemption Handbook, and the Boiler NESHAP outreach brochure for the new Boiler MACT navigation tool.

Other Equipment located onsite

Table 1. Emergency Generators

Engine	HP	BTU/hr	Fuel	PTI Exemption	Federal Regulation
Onan Model # 200ODFP- 17R19030L	355	903,193	Diesel	NA	Area Source MACT Subpart ZZZZ

Table 2. Boilers

Boiler	MMBTU/hr	Fuel	PTI Exemption.	Installation Date	Federal Regulation
Peerless Model# 7FDA-1642	1.202	Methane Gas (from digester), but has capacity to burn fuel oil no. 2 (at 8.5 gal/hr)	TBD	1978	Exempt from Area Source Boiler MACT JJJJJ (gas-fired boiler, exempt); Exempt from NSPS Subpart Dc; under 10 MMBTU/hr
Peerless Model# 7FDA-1643	1.202	Natural gas only used, but has capacity to burn fuel oil no. 2 (at 8.5 gal/hr)	Rule 282(b) (ii)	1978	Exempt from Area Source Boiler MACT JJJJJ (gas-fired boiler, exempt); Exempt from

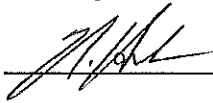
DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

M078432594

FACILITY: GENESYS AMBULATORY HEALTH SERVICES		SRN / ID: M0784
LOCATION: 3935 BEECHER RD, FLINT		DISTRICT: Lansing
CITY: FLINT		COUNTY: GENESEE
CONTACT:		ACTIVITY DATE: 12/17/2015
STAFF: Nathaniel Hude	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Building has been demolished and emission units removed. This site should be removed from the inspection list.		
RESOLVED COMPLAINTS:		

I drove to this site and found that the building had been demolished. At one time the site was a hospital which had a ETO Sterilizer (PTI 595-94 which has been voided), three 282(b) exempt boilers, and two number 2 fuel oil fired emergency generators that may have been subject to 40CFR60 JJJJ or 40CFR63 ZZZZ.

This facility does not require further inspections. MACES "Operating Status" has been changed to "Permanently Closed" under the Facility Information tab.

NAME 

DATE 12-18-15

SUPERVISOR 