

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

P036025043

FACILITY: Superior Environmental Corporation - Aunt Millie's		SRN / ID: P0360
LOCATION: 5331 West Michigan Avenue, YPSILANTI		DISTRICT: Jackson
CITY: YPSILANTI		COUNTY: WASHTENAW
CONTACT:		ACTIVITY DATE: 01/30/2014
STAFF: Glen Erickson	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Scheduled inspection of groundwater remediation.		
RESOLVED COMPLAINTS:		

Scheduled inspection of groundwater remediation system operated by Superior Environmental for the former AT&T Michigan, Ypsilanti-Pittsfield Garage. Gasoline contamination. Site is currently operated by Aunt Millie's Bakery at 5331 W. Michigan, Ypsilanti.

Met with Aaron Glauch, Environmental Technician as he was conducting his regular air monitoring site inspection, which is required on a tow-weeks basis, but which Superior tries to make every 1-2 weeks or so.

Air controls consist of an air sparging and vapor extraction system controlled by a 2-bed activated carbon vessel system. Technician draws an air sample from 3 locations and analyzes with a Mini-Rae PID analyzer separately:

Location No. 1 is at influent to bed No. 1 = 3.2 ppm;

Location No. 2 is between effluent from No. 1 bed and influent to No. 2 bed = 0.0 ppm;

Location No. 3 is at effluent from No. 2 bed = 0.0 ppm.

Discussed "triggers" to signal the time for a carbon change-out. In PTI No. 107-12 the Sp. Con. No. 1.6 directs the carbon to be change-out when PID readings between the carbon vessels exceeds 20% of the "initial" reading. I stated that that means to me that the "initial" reading is the PID reading conducted on the influent to bed No. 1 on that day's readings, and not some other reading established at some preceding day, as could be inferred by the permit language which is slightly misleading.

I had discussed this interpretation with Superior Environmental Project Managers Gerard DeBusschere (989)684-4405 and Tom Sorenson, 248-596-1170. They agreed, as did Glauch.

Their records indicate that they are changing out the carbon on a frequency at least as stringent as that described in Sp. Con. No. 1.6.

Carbon bed was changed-out last on 12-13-13 following "alarm" on 11-28-13 when PID readings on inlet of 224 ppm and in-between beds of 26 ppm, or about 10% of the "initial" reading. A "10 %" reading is technically below the breakthrough "trigger" of 20%, but was enough for Superior Environmental to effect a carbon change-out of both carbon vessels in a pro-active manner.

Records and monitoring techniques are acceptable. Appears in compliance with PTI No. 107-12.

NAME GLEN ERICKSON DATE 5-6-14 SUPERVISOR [Signature]