

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

N825436696

FACILITY: LAKE COUNTY		SRN / ID: N8254
LOCATION: 1153 MICHIGAN AVE, BALDWIN		DISTRICT: Cadillac
CITY: BALDWIN		COUNTY: LAKE
CONTACT: Dave Warner , Senior Project Manager		ACTIVITY DATE: 09/15/2016
STAFF: Rob Dickman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection of this minor general permit source.		
RESOLVED COMPLAINTS:		

Inspected this minor source pursuant to General Permit Number 77-09. This source is a soil vapor and water extraction system designed to remove gasoline components. Air emissions of BTEX are uncontrolled. Activated carbon is used to treat the water taken in by the system. At the time of the inspection, the system was not in operation but has been in the last 12 months. Following are the findings of the inspection per applicable permit condition.

- 1.1 The total BTEX allowed to be emitted from the system is 1.0 tons per year based on a 12 month rolling time period. To date, the amount of BTEX discharged for the life of the project is approximately 50 pounds.
- 1.2 There shall be no benzene, toluene, ethylbenzene, xylene or gasoline emissions at the stationary source other than those covered by this general permit. There is no air emitting equipment on site aside from this equipment.

Process/Operational Limits

- 1.3 The emissions from this equipment are uncontrolled. Zero emissions from the facility have been noted for the last several months.

Monitoring

- 1.4 Not applicable.
- 1.5 For soil remediation: The permittee shall monitor and record the gas flow rate and the VOC, gasoline or BTEX concentrations at the outlet of the soil vapor extraction system. This flow rate is being monitored and a sample of the type of records taken is attached.
- 1.6 Not applicable

Recordkeeping/Reporting/Notification

- 1.7 The permittee shall keep, in a satisfactory manner, monthly and annual records of the total VOC, gasoline and/or BTEX emissions from FG-REMEDIATION. These records are being kept and demonstrate zero emissions in the last 12 months. A sample of these records is attached.
- 1.8 The permittee shall keep, in a satisfactory manner, records of the date, duration, and description of any malfunction of the control equipment, any maintenance performed any replacement of catalyst or control equipment media and any testing results for FG-REMEDIATION. These records are being kept.

Stack/Vent Restrictions

- 1.9 Stack parameters for this equipment do not appear to have been modified.

Miscellaneous/Allowed Modification

- 1.10 Not applicable

NAME 

DATE 9/21/16

SUPERVISOR 