

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

N830729895

FACILITY: MDEQ/RD Remediation Site - BLARNEY CASTLE OIL CO		SRN / ID: N8307
LOCATION: 626 W FRONT ST, TRAVERSE CITY		DISTRICT: Cadillac
CITY: TRAVERSE CITY		COUNTY: GRAND TRAVERSE
CONTACT:		ACTIVITY DATE: 06/10/2015
STAFF: Shane Nixon	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: on site inspection and records review		
RESOLVED COMPLAINTS:		

AQD staff visited the remediation system located on Front Street in Traverse City to determine the facility's compliance with Permit to Install No. 70-12. The equipment located on site was not operating at the time of the inspection. AQD staff observed a soil vapor extraction system equipped with two 3,000 pound carbon absorption canisters.

Emission Limits - Total VOC and BTEX emissions are limited to 10 tons per 12 month rolling time period and 1.0 ton per 12 month rolling time period, respectively. Records provided by Ms. Ann Emington, DEQ RRD, indicates the highest emissions for VOC was 6.1 tons per 12 month rolling time period and BTEX emissions at that time was 0.3 tons per 12 month rolling time period. Based upon the records review, AQD staff considers the facility to be in compliance with the emission limits.

Process/Operational Limits - The dual stage activated carbon requires a 95% reduction of hydrocarbon emissions to the atmosphere. Records demonstrate that the control efficiency has been a consistent 98% control efficiency. The carbon was changed out once despite the fact that the activated carbon did not reach breakthrough.

Monitoring - The water flow rate is recorded per the Permit to Install based upon observations of a flow meter during the inspection.

Recordkeeping\Reporting\Notification - Monthly reports of total VOC and BTEX emissions were available upon request and were adequately maintained by Ms. Emington.

Stack/Vent Restrictions - AQD staff observed and estimated the stack for the remediation system was at least 1.5 times the height of the building, which is in compliance with the Permit to Install.

Conclusion - Based upon the review of records and on site inspection, AQD staff considers the facility to be in compliance with Permit to Install No. 70-12.

NAME Shane NixonDATE 6/24/15SUPERVISOR 