

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

N700148407

FACILITY: Northwestern Michigan College		SRN / ID: N7001
LOCATION: 1701 E Front St, TRAVERSE CITY		DISTRICT: Cadillac
CITY: TRAVERSE CITY		COUNTY: GRAND TRAVERSE
CONTACT:		ACTIVITY DATE: 03/20/2019
STAFF: Caryn Owens	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On Wednesday, March 20, 2019 Ms. Caryn E. Owens of the DEQ-AQD conducted a scheduled inspection of Northwestern Michigan College (NMC) located at 1701 East Front Street in Traverse City, Grand Traverse County, Michigan (SRN: N7001). The field inspection was conducted to determine compliance with Permit to install (PTI) 246-01. During the field inspection it was cloudy, approximately 35°F, with calm winds from the south-southwest.

Evaluation Summary:

Based on the Condition of the Air Sparge/Soil Remediation System trailer, the remediation system would not be able to operate again without a new PTI. Therefore, PTI 246-01 can be voided, and no further actions are necessary at this time. Specific permit conditions that were reviewed are discussed below.

Source Description:

The site was a portable trailer on the east side of the power building on the south side of the Cedar Parking Lot of NMC Campus. It has been years since the remediation system has operated, and trees have grown on the north and south sides of the trailer, so it is blocked in at this time. Piping to the associated remediation system has mostly been disconnected, the upper portion of the stack has fallen off and is laying on the roof of the trailer. It would take a large amount of work to get the remediation system operating again if it was deemed necessary.

Based on the most recent Fourth Quarter 2015 Update Report, dated January 14, 2015 by Gosling Czubak (the Consultant for NMC), the Air Sparge/Soil Vapor Extraction system was shut down in 2009, and are looking into closing the site. During the field inspection, I met with Mr. Eric Vinke of Gosling Czubak. The lock had rusted closed for the trailer, so the lock was cut and replaced with a new lock. I observed numerous monitoring wells in the Cedar parking lot. An aerial photograph is attached for reference.

The original release at the site was from gasoline and petroleum based products from the Power building. The remediation system began operating in 2001. Based on the most recent analytical results from groundwater sampling, the release appears to be delineated and no offsite migration.

Currently, the remediation system is not working and would take a lot of work to get it operating again. Gosling Czubak is looking into closure of the remediation site since the analytical results show the contamination has been cleaned up appropriately.

Compliance Evaluation:

Special Condition (SC) I. Design Parameters: Based on the permit documentation, the source did not contain VOC or gasoline emissions greater than 10 tons per year and/or total potential BTEX emissions great than 1 ton per year, so control was not used at the facility. As previously stated, the upper portion of the stack was broken off, and would need to be replaced if the system were to ever operate in the future.

II. Material Usage/Emission Limits: The remediation system has not operated since 2009, therefore the emission limits are not applicable at this time.

III. Compliance Evaluation: Since the remediation system is currently not in a condition to operate, this area is not applicable at this time.

Testing from the remediation system has not been completed since 2009, prior to shut down of the remediation system.

IV. Operational Parameters: As previously stated, the concentrations appeared below 10 tons per year of VOC

and gasoline constituents and/or total potential BTEX emissions great than 1 ton per year; therefore, no control was necessary for the site.

V. Allowed Modifications: There were no modifications to the remediation system.

NAME Cauph Owens DATE 3/20/19 SUPERVISOR 