

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

P092550922

FACILITY: Fast Track Ventures, LLC		SRN / ID: P0925
LOCATION: 100 East Main Street, MANCHESTER		DISTRICT: Jackson
CITY: MANCHESTER		COUNTY: WASHTENAW
CONTACT:		ACTIVITY DATE: 10/10/2019
STAFF: Mike Kovalchick	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Inspection of a soil remediation site at a gasoline station.		
RESOLVED COMPLAINTS:		

Minor Source: Fast Track Ventures, LLC

Facility Contacts

Tom Timmermans: SES Environmental Grand Rapids ph 616-291-6134
Gary Mast: SES Environmental Grandville ph (616) 307-9070

Purpose

On October 11, 2019, I conducted an unannounced compliance inspection of Fast Track Ventures, LLC (Company) soil vapor extraction remediation site located at 100 East Main Street in Manchester, Michigan in Washtenaw County. The purpose of the inspection was to determine the facility's compliance status with the applicable federal and state air pollution regulations, particularly Michigan Act 451, Part 55, Air Pollution Control Act and administrative rules and Permit to Install (PTI) # 97-18.

Site Location

The site is located in Manchester. Commercial businesses are only a few feet away from this active gasoline station. See Attachment (1) which is the remediation schematic that outlines the location and the equipment that is part of the remediation.

Site Background

The Company was issued General PTI 97-18 for a remediation process on June 4, 2018. The remediation process is located at the former site of a Clark gas station but now is a gas station under a different owner. A soil-vapor extraction system was installed to remediate the site from leaking underground storage tanks. The site has not been inspected before. SES Environmental out of Grand Rapids is handling all recordkeeping and control equipment effluent sampling that is required by the general PTI and is the principal point of contact for this site.

Regulatory Applicability

PTI 97-18 covers the entire site.

Arrival & Facility Contact

Visible emissions or odors were not observed upon my approach to the Company's remediation site. I arrived at 10:00 am.

Pre-Inspection Meeting

NA

Onsite Inspection

I walked around outside the active gas station to see if the remediation equipment matched the description in the PTI application. The monitoring wells, the PVC pipe from the soil vapor extraction points going upside the side of the building and across the roof, the remediation trailer, and the stack height all matched the description provided in the application.

The trailer was parked behind the gas station and hooked into the local utilities. It was locked. The sound of fans operating instead the trailer indicated that it was likely active. A tall stack was evident. No odors were detected.

Recordkeeping/Permit Requirements Review

On 10/15/2019, I received the following email in response to my email requesting required permit records: "Please find attached the emissions tracking form for the soil vapor extraction (SVE) system at 100 E, Main, Manchester. July 1, 2019 was the SVE system start date. I added a column to the tracking form that includes the effluent data required under the general permit. Please respond by e-mail or call me at (616) 307-9070 if you have any questions or need additional information. Gary Mast"

Attachment (2) contains the submitted records.

FG-REMEDATION is limited to BTEX (Total combined benzene, toluene, ethylbenzene and xylene emissions) to be less than 1 tpy. Records show that they are doing the required emission calculations and those calculations show that emissions are less than 0.02 tons per year. These calculations are based on effluent BTEX lab data which generally shows concentrations of BTEX at less than 2 mg per cubic meter.

The general PTI requires the BTEX samples be taken at least once a week till 4 samples are collected then once a month then switches to quarterly. Based on the data submitted, it appears they are taking samples more frequently than required.

Malfunction/maintenance records were not requested since it is a new operation.

The only other substantive requirement is for stack height of at least 1.5 times building height. The stack height per SES is 47 feet which is consistent to what it appeared to be visually and easily meets the 1.5 times building height requirement.

Post-Inspection Meeting

NA

Compliance Summary

The Company is in compliance with all applicable requirements.

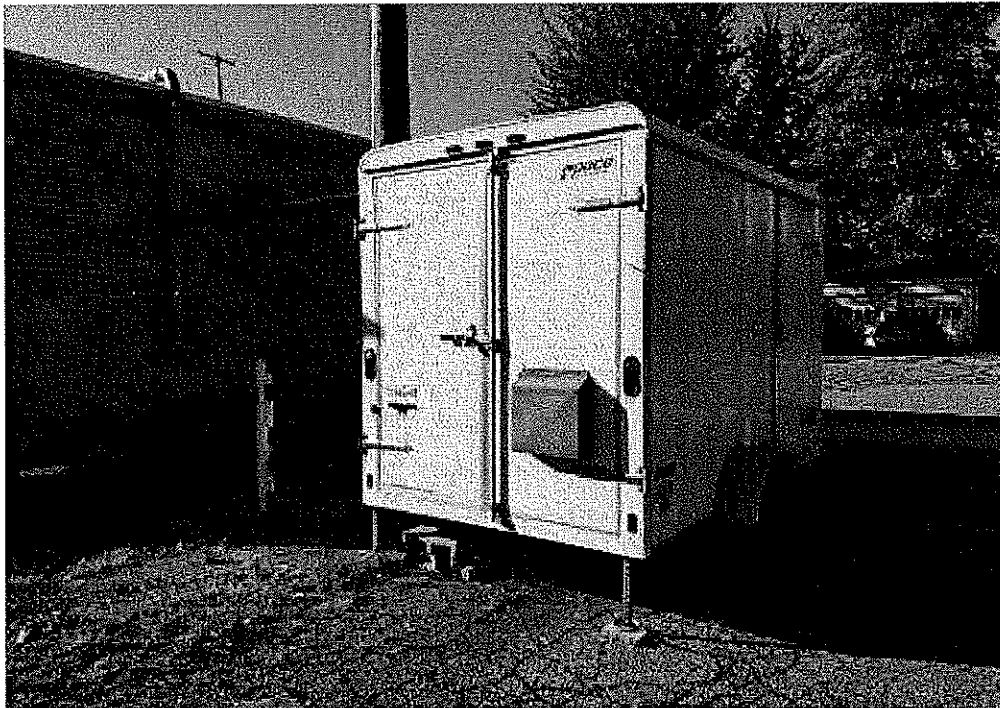




Image 2(Soil Vapor Extract) : Second view of trailer.



Image 3(Monitoring well) : One of the numerous monitoring wells.

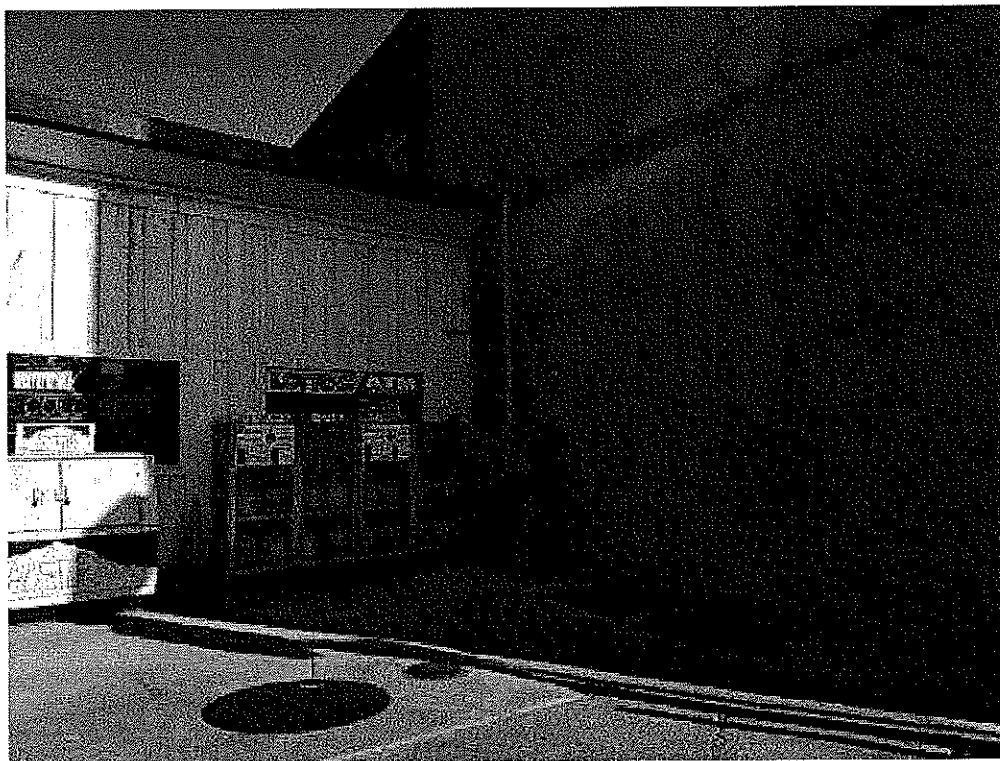


Image 4(Front of station) : Front of gas station showing PVC pipe going up wall coming from soil/vapor extraction points.

NAME M. Kovalchuk

DATE 10/15/19

SUPERVISOR 