

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

N755641082

FACILITY: EnerVest Operating - SCV-4		SRN / ID: N7556
LOCATION: T20N R2W SECTION 22, CHESTER TWP		DISTRICT: Cadillac
CITY: CHESTER TWP		COUNTY: OTSEGO
CONTACT: Jeff Riling , Operations Manager		ACTIVITY DATE: 07/11/2017
STAFF: Rob Dickman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection of this opt out source		
RESOLVED COMPLAINTS:		

Inspected this facility pursuant to Permit to Install Number 321-05. Prior to entering the facility, it was noted that it was an active construction site. At the time of the inspection, no construction staff were available to speak with. This activity appeared to be pipeline related. However, the facility was not in operation at the time of the inspection, so, the activity could be related to the facility. The equipment noted at the facility included:

-One Caterpillar G3406NA rich burn engine with no catalytic control, #GCS880. Stack for this engine was approximately 40 feet tall, diameter appeared to be 6 to 8 inches.

No tank storage, loadout, heaters, or glycol dehydrator were noted. Following are the findings of the rest of the inspection:

EU-SCV-4-ENGINE

EMISSION LIMIT(S) - There are no emission limits associated with this emission unit; therefore, this section is not applicable.

MATERIAL LIMIT(S) - There are no material limits associated with this emission unit; therefore, this section is not applicable.

PROCESS/OPERATIONAL RESTRICTION(S) – The facility is required to have an approved Malfunction Abatement Plan (MAP). This MAP was received by the AQD on March 17, 2008 and approved on June 2, 2008. No amendments to it were noted.

The facility is not allowed to bypass control equipment for more than 200 hours per year. This engine is not equipped with a catalyst, therefore, this condition is not applicable..

DESIGN/EQUIPMENT PARAMETER(S) – The engine is not to be operated without a control device except for the allowed 200 hours per year. This engine is not equipped with a catalyst, therefore, this condition is not applicable..

TESTING/SAMPLING – The facility may be required to perform testing for nitrogen oxides (NOx) emissions from the engine. This testing has not been requested and is not recommended at this time.

MONITORING/RECORDKEEPING – The facility must monitor natural gas usage from the engine on a monthly basis. These records are being kept and are attached to this report.

A log of maintenance activities must be kept. These records are being kept and a sample of them is attached to this report.

The number of hours the facility operates while bypassing the control equipment must be kept. This engine is not equipped with a catalyst, therefore, this condition is not applicable.

REPORTING - There are no reporting requirements associated with this emission unit; therefore, this section is not applicable.

STACK/VENT RESTRICTION(S) – Stack parameters for the engine appear correct and do not appear to have been recently modified.

OTHER REQUIREMENT(S) – There are no other requirements associated with this emission unit; therefore, this section is not applicable.

FGFACILITY

EMISSION LIMIT(S) – NOx emissions from this facility are limited to 89 tons per year based on a 12 month rolling time period. Records provided by the facility indicate the highest emissions in the last 12 months was in July of 2016 at 2.7 tons per year based on a 12 month rolling time period. These records are attached to this report.

MATERIAL LIMIT(S) – Only sweet natural gas is to be burned at this facility. The facility is configured in this manner.

PROCESS/OPERATIONAL RESTRICTION(S) – There are no facility wide process or operational restrictions; therefore, this section is not applicable.

DESIGN/EQUIPMENT PARAMETER(S) - There are no facility wide design or equipment parameters; therefore, this section is not applicable.

TESTING/SAMPLING – Hydrogen sulfide (H₂S) and/or sulfur content of the natural gas burned at the facility may be required to be verified by testing if requested. This verification has not been requested and is not recommended at this time.

MONITORING/RECORDKEEPING – Fuel usage and NOx emission calculations are required to be completed in a timely manner. The records appear to be kept in a timely manner. These records were readily available upon request. Review of these records by AQD staff indicates continuous compliance with their emission limit for NOx.

REPORTING - There are no facility wide reporting requirements; therefore, this section is not applicable.

STACK/VENT RESTRICTION(S) - There are no facility wide stack or vent restrictions; therefore, this section is not applicable.

OTHER REQUIREMENT(S) – There are no facility wide other requirements; therefore, this section is not applicable.

At the time of the inspection, this facility appeared in compliance with their air permitting.

NAME 

DATE 8/19/17

SUPERVISOR SN