

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

P003753258

FACILITY: RIVERSIDE - MILLER CREEK CPF		SRN / ID: P0037
LOCATION: Miller Creek CPF, HILLMAN		DISTRICT: Gaylord
CITY: HILLMAN		COUNTY: MONTMORENCY
CONTACT:		ACTIVITY DATE: 03/27/2020
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Field inspection for FCE		
RESOLVED COMPLAINTS:		

On March 27, 2020, I inspected the Riverside Miller Creek CPF. I did not find any violations during my inspection.

This facility is covered by Permit to Install No. 16-10, issued February 11, 2010.

Permit 16-10, Table EUENGINE1, Condition IV.1 requires that if this engine is equipped with an add on control device, that device should be installed and operating properly. The engine at this facility doesn't have an add on control device. Therefore this condition is not applicable.

Condition IV.2 requires a device to monitor fuel usage. Fuel usage figures are included in the facility's recordkeeping, hinting that such a device exists. While inspecting the facility I found a digital readout on an instrument box on the outside of the facility shed. It appeared to record fuel use as "FC3," If this is correct, fuel use the previous day was 125 MSCF. However, the digital display was in poor condition and difficult to read.

Condition VIII.1 requires the engine exhaust be discharged unobstructed vertically upward from a stack with a maximum exhaust diameter of 12 inches at a minimum height above ground of 42 feet. The engine stack appeared to meet these conditions.

Table FGFACILITY, Condition II.1, prohibits burning sour gas. I didn't see or smell anything that would make me suspect the presence of sour gas on site.

COMMENTS

The sign at the facility entrance says Riverside Energy Michigan LLC - 10691 E Carter Rd Ste 202 - Traverse City MI 49684 - 231-995-4000, 989-705-7655 - Miller Creek CPF - T31N R4E Sec 32 SW 1/4 NW 1/4 NE 1/4 - Hillman Twp., Montmorency Co.

The facility contains one Caterpillar natural gas fired compressor engine with no catalytic oxidizer. According to its digital display it was running at 1200 RPM, 185 degrees f coolant temperature, 54 psi oil pressure, 27 volts, 96,135 hours of operation. There was no opacity in its exhaust.

The facility includes a glycol dehydrator. The dehydrator has a burner with a builder's plate identifying it as a Wenco flame arrested burner, 200,000 BTU per hour input capacity. The reboiler shell itself had some numbers that appeared to say it had been made in 1996. The burner stack was about 6 inches diameter and 22 feet high, unobstructed vertically upward. The still vent appeared to be a pipe of about 2 inches diameter, exhausting about 20 feet above ground level through a T fitting. I saw some "steam" at the still vent and no opacity from the burner stack. I didn't smell any glycol odors.

Tanks onsite included:

Two 400 barrel oil field storage tanks, presumably brine tanks, inside a lined berm. Both were labeled Caution, Non-Potable Water, Liquid Industrial Waste. They were piped to a nearby salt water disposal well. The well sign identified it as St Hillman A3-32 SWD Permit 51406, T31N R4E Sec 32, SW 1/4 NW 1/4 NE 1/4, Hillman Twp, Montmorency CO.

One oval metal tank near the radiator end of the shed, under the roof overhang. Over a wooden berm structure. It was probably for engine coolant.

One 300 gallon drum on stilts tank over a wood berm structure, near the glycol dehydrator. It had a tarp covering it so I couldn't read its label, if it had one. It would be usual for a tank in this position to contain triethylene glycol.

Inside the shed near the engine, two 300 gallon drum on stilts tanks. One labeled Chevron HDAX Low Ash Gas Engine Oil and the other Chevron Regal ISO 100 oil. Also two orange painted tanks on the floor labeled as Used oil. All these tanks were in a bermed and lined area around the engine itself.

I didn't see any opacity except the "steam" as noted for the dehydrator. I didn't notice any unusual vibration or noise. I didn't notice any odors. I didn't see any spills or leaks, or any stained soils that would make me believe there had been spills or leaks recently. Maintenance appeared adequate.

NAME _____

DATE _____

SUPERVISOR _____