

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

ACTIVITY REPORT: Scheduled Inspection

N605656009

FACILITY: RIVERSIDE - ELMIRA 34 CPF		SRN / ID: N6056
LOCATION: NW4 SE4 SEC 34 ELMIRA TWP, ELMIRA		DISTRICT: Gaylord
CITY: ELMIRA		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 10/30/2020
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Field inspection for FCE		
RESOLVED COMPLAINTS:		

On October 30, 2020, I inspected the Riverside Elmira 34 CPF for compliance with the facility permit. This facility is covered by Permit to Install 607-96, issued January 28, 1997. I had previously reviewed facility records to determine compliance with emission limits, reporting, and recordkeeping requirements. This is documented in a previous activity report.

Permit 607-96, Special Condition 19, requires that the operator should keep process and control equipment operating properly. The equipment appeared to be operating properly and maintenance appeared to be adequate at the time of my inspection.

Special Condition 24 prohibits burning sour gas. As noted during record reviews, this facility has an iron sponge to remove moderate amounts of hydrogen sulfide from the gas being processed. Assuming therefore that there is some sour gas entering the facility, the iron sponge is necessary to make it possible to process that gas without burning any sour gas. The iron sponge was in place and appeared to be operating properly. I did not notice any odors that would make me think sour gas was leaking or being burned.

COMMENTS

The facility contains one medium-sized Caterpillar natural gas fired internal combustion engine. It was marked as GCS 36 in metal characters welded to the engine skid. The engine was operating at the time of my inspection. It had a digital control system which displayed the following data: 55669 hours, 815 RPM, 27 volts, engine oil pressure 56 psi, coolant temperature 193 degrees f. There was no opacity in the engine exhaust.

The engine exhausts horizontally through the shed wall to a horizontal muffler, after which it is directed unobstructed vertically upward through a pipe elbow. Stack dimensions are perhaps 12 inches diameter at 16 feet above ground level.

There is a glycol dehydrator. The burner stack was perhaps 8 or 9 inches diameter, exhausting unobstructed vertically upward 24 feet above ground level. The still vent was about 2 inches diameter at about 16 feet above ground level, terminating in a T shaped fitting. There was some "steam" and a mild glycol odor near the vent.

Tanks on site included:

One 400 barrel tank inside a lined berm. The tank is labeled "brine" and is piped to the Brandenburg 1-34 SWD, presumably Salt Water Disposal well. Permit number on the well is 41828.

2 x 300 gallon drum on stilts tanks outside the shed, labeled methanol

2 x 300 gallon drum on stilts tanks inside the shed, one labeled Chevron HDAX low ash gas engine oil and one Chevron Regal R&O ISO 150 oil

Some other drums upon which I did not notice any labels.

Maintenance looked acceptable. I didn't notice any leaks, spills, or stained soils. There was no opacity

except "steam" from the dehydrator still vent, and no odor except the glycol odor from that vent.

NAME _____

DATE _____

SUPERVISOR _____

William J. Rogers Jr.

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