

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

N593334302

FACILITY: ENER VEST OPERATING Vienna Charlton		SRN / ID: N5933
LOCATION: T30N-R1W, Section 12, CHARLTON TWP		DISTRICT: Gaylord
CITY: CHARLTON TWP		COUNTY: OTSEGO
CONTACT:		ACTIVITY DATE: 04/21/2016
STAFF: Bill Rogers	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Self-initiated partial inspection		
RESOLVED COMPLAINTS:		

On April 21, 2016, I conducted a partial inspection of the Enervest Vienna Charlton Facility, NE SE Section 12, T30N, R1W, Charlton Township, Otsego County. This was a self-initiated inspection of a facility not assigned to me, because I happened to be in the area.

The facility includes one medium-sized Caterpillar natural gas fired compressor engine with a catalytic oxidizer. The engine was running at 1151 RPM at the time I saw it. It had no opacity.

The engine was marked as GCS 753 in metal letters welded to the engine mount. This identifies it as Unit 753 of Gas Compression Services.

According to data recorded on a clipboard at the control panel, catalyst inlet temperature the day of my inspection was 948 degrees f and outlet was 975 degrees f. Temperature rises across the catalyst, indicating that it is burning something out of the exhaust gasses. This in turn suggests that the catalyst is operating properly.

The engine stack appeared to be about 8 inches in diameter and 50 feet high. Permit 105-96B, Table EUENGINE, Condition VIII.1, sets a maximum diameter of 8 inches and a minimum height of 46 feet. The stack appears to comply with these requirements.

The facility includes a glycol dehydrator. Permit 105-96B does not contain any conditions pertaining to a glycol dehydrator. The dehydrator still vent was approximately 10 feet above ground level and 2 inches in diameter, exhausting at an angle through the side of the compressor shed. The burner stack was approximately six inches in diameter and 20 to 24 feet high, with a flat cap. There were mild glycol odors near the still vent.

The facility includes two 400-barrel size tanks labeled as a slop (oil) tank and a brine tank. These were inside a berm. The berm did not appear to be lined although it might have had a lining buried beneath gravel; some torn shreds of plastic were visible mixed in the gravel at the top of the berm. There was no standing water inside the berm, which probably means either that the berm is not liquid-tight or that it has been pumped out recently.

Inside the compressor shed there was one drum-on-stilts tank that appeared to contain engine oil. Outside the compressor shed, near the glycol dehydrator there were two small unlabeled drum on stilt tanks; it is possible one at least contained glycol.

I didn't see any opacity from anything except a bit off "steam" from the dehydrator still vent. The only odors were mild glycol odors from the still vent. I didn't see leaks or stained soils which might indicate spills. Maintenance appeared to be OK.

On attempting to figure out what facility I had inspected, I found that Permit Cards lists the permit for this facility, Permit 105-96B, as belonging to N6081. N6081 is the Charlton 2 facility, located about a mile northwest in Section 2 of the same township. The electronic version of Permit 105-96B associated with Permit Cards has the correct SRN, N5933, associated with it. I have notified Permit Section of this error in Permit Cards.

NAME William J Rogers

DATE 4/21/2016

SUPERVISOR SN