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

N760755816

FACILITY: BREITBURN OPERATING LP-MADV CPF		**SRN / ID:** N7607
LOCATION: T 29N R5W SEC 26, MANCELONA TWP		**DISTRICT:** Gaylord
CITY: MANCELONA TWP		**COUNTY:** ANTRIM
CONTACT:		**ACTIVITY DATE:** 10/15/2020
STAFF: Bill Rogers	**COMPLIANCE STATUS:** Compliance	**SOURCE CLASS:** SM OPT OUT
SUBJECT: Site inspection for FCE		
RESOLVED COMPLAINTS:		

On October 15, 2020, I inspected the MADF CPF for compliance with Permit to Install 134-06.

Special Condition 1.4 requires that any add on control device be installed and operating properly. The engine on site is equipped with a catalytic oxidizer. The oxidizer appears to be installed and operating properly.

Condition 1.12 sets stack dimensions as a maximum diameter of 16 inches at a minimum height of 17 feet above ground level. The engine stack appears to comply with these specifications.

The facility is south of Mancelona Road between Mancelona and Gaylord. The road is rough but the facility is not difficult to reach.

The facility contains a compressor shed with one natural gas fired compressor engine inside. There is a glycol dehydrator in a small, separate shed a short distance outside the compressor shed.

The facility sign identifies it as the MADV, SW/4 SW/4 NW/4 Sec 36, T29n R05W.

The compressor engine is labeled GCS 857 in metal characters welded to the engine mount. It was running at the time of my inspection. It is equipped with a catalytic oxidizer. The oxidizer has a temperature display that shows both inlet and outlet temperatures. At the time of my inspection inlet temperature was 944 degrees f and outlet was 1000 degrees f.

The engine was running at 1034 RPM. Engine oil pressure was 45. Compressor oil pressure was 55. Engine coolant temperature was 180 degrees f. There was no opacity in the exhaust.

The dehydrator was in a closed small shed, so I didn't examine it closely. The burner vent was about 4 inches diameter at about 12 feet above ground, terminating in a t-shaped rain cap. What I thought was the still vent is a 2 inch or so pipe terminating in a T fitting about 12 feet above ground. I didn't see any "steam" or other opacity. I didn't smell any glycol odor from it.

Tanks on site included two 400 barrel tanks inside a lined berm, probably brine tanks; one 300 gallon drum on stilts tank outside over a berm structure, near the dehydrator, tank labeled Methyl Alcohol; two 300 gallon drum on stilts tanks inside near the engine, one labeled HDAX Low Ash Gas Engine Oil and the other Chevron Regal R&O ISO 100 oil; and a vertical tank labeled Chevron RPM Heavy Duty Motor Oil 15W/40.

I didn't notice any opacity or odors. I didn't see any leaks, spills, or stained soils.

NAME _____ DATE _____ SUPERVISOR_____

William J. Rogers Jr.

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Shane Nixon

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