

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

N733048712

FACILITY: NorthStar Energy LLC - Hudson 34		SRN / ID: N7330
LOCATION: 04950 Camp Ten Rd, BOYNE FALLS		DISTRICT: Cadillac
CITY: BOYNE FALLS		COUNTY: CHARLEVOIX
CONTACT:		ACTIVITY DATE: 04/24/2019
STAFF: Kurt Childs	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: PTI 35-04E evaluation.		
RESOLVED COMPLAINTS:		

PTI 35-04E was issued on February 15, 2019 to update the permit to reflect the following process changes at the facility:

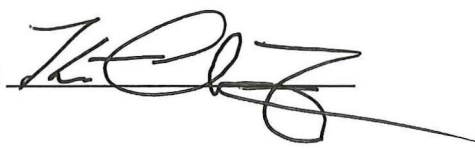
- Remove EUCO2PLANT from the permit.
- EUENGINE1 replacement with a smaller engine.
- Remove EUENGINE3 from permit..
- Remove one of the two tri-ethylene glycol dehydrator burners from the permit.

I conducted a self-initiated inspection on 4/24/2019 to verify these changes. At the time of the inspection there were no visible emissions from any of the plant stacks with the exception of visible vapors from the dehy stack. Two compressor engines were in place and were operating.

The CO2 plant was not operating (and has not been for many years) it appears to be inoperable without significant repairs. EUENGINE3 was removed at the time of the last inspection in 2015. The building (south building) it was in has also been removed. The middle building (now the south building) houses EUENGINE1 (formerly a Caterpillar G3516LE which has been replaced by a Caterpillar G3408TA 405hp V-8 engine (NGCS 003). The exhaust system for the engine contains a housing for a catalytic converter but none is required and no readout was present. EUENGINE2 (NGCS 807) remains a Caterpillar G3408LE 425hp V-8 engine. The exhaust system also contains a housing for a catalyst (which is not required) but no monitoring. Both engines were operating and the observed operating parameters matched those on the engine log sheets present in the compressor buildings,

One Dehy drator was operating, and as mentioned vapors and strong odors were present. Fortunately this facility is fairly remote from any residences. The AQD has not received odor complaints regarding this facility. The second dehy was not operating.

Based on this self-initiated inspection, it appears that PTI 35-04E accurately reflects the current configuration of the facility.

NAME  DATE 4-26-19 SUPERVISOR 