Michigan Department of Environment, Great Lakes and Energy Air Quality Division

		N78685348			
Facility Name:	JORDAN DEVELOPMENT COMPANY, L. SRN/ID				
Address:	NE NE NW SEC 13		Source Class:	SM OPT OUT	
City:	SPRATT				
County:	ALPENA		Staff:	LEBLANCS	
District:	Cadillac				
Inspection Date:	4/28/2020	Inspection Type: SCHED INSP	Compliance Status	COMP	

Inspection Comment: Site visit as part of Fiscal year 2020 compliance evaluation. sgl

Inspection Remarks

INTRODUCTION

On April 28, 2020, Gaylord District Staff conducted a scheduled site inspection of the Jordan Development Company LLC (Jordan) Slam Duncan Central Processing Facility (CPF) (N7868) (AKA CPF # 1809). The referenced Facility is located on Moores Landing Road, Green Township, LaChine, Alpena County, Michigan.

The Facility operates under Permit to Install (PTI 312-07) issued on December 3, 2007. The referenced permit is an opt-out permit and allows for engine replacement and/or swings under Special Condition 2.8.

At the time of the site inspection, the skies were mostly cloudy, with light winds, and temperatures of approximately 48 degrees Fahrenheit. No visible emissions were noted from either the glycol dehydrator or the compressor engine stack.

FACILITY

The Slam Duncan CPF is an unmanned Facility located in the NE ¼, NE ¼, NW ¼, Section 13, T31N, R5E, amongst large, privately owned and mostly undeveloped properties. Natural Gas (NG) collected from Antrim Formation NG wells in the area is dehydrated and compressed at the Facility prior to flowing to sales points.

MAERS records indicate that the Facility was constructed in August 1995. Readily available aerials are consistent with that date.

The Facility is located in LaChine/Spratt, Michigan. To get to the Facility, District Staff traveled south on M-65 from it's intersection with M-32 until Moores Landing Road. Turn west (right) and travel on Moores Landing Road approximately 1 1/2-mile. The facility is to the south and is a gated, unmanned Facility.

PERMITTING/EQUIPMENT

At the time of April 28, 2020 site inspection, the Facility was operating and consisted of an existing NG-fired compressor engine (EUENGINE1), glycol dehydrator (EUDEHY) with process heater, two 400-barrel brine tanks (within a lined- secondary containment berm) onsite and assorted smaller oil/glycol/etal tanks. The site was tidy and well maintained.

EU Equipment Description EUENGINE1 Compressor Skid GCS 776

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Engine -CAT 399 HCTA 930 HP With 3-way Catalyst and AFRC EUDEHY Glycol Dehydrator

The stack for the compressor engine was noted to be 1.5 times the building height and have in previous inspection reports been reported to be in compliance with stack construction requirements. A number of chart recorders were noted, and appeared to be documenting sales, fuel usage, etal. Note that District Staff was unable to find daily log sheet for the compressor engine. In addition, Staff could see where wires were hooked to catalyst, but digital readouts of the catalyst temperatures and pressures were unable to be located onsite. Operational parameters for EUENGINE1 include:

- · RPM-925
- Compressor Oil Pressure 55 psi
- Engine Oil Pressure 65 psi
- AFRC 0.83 L and 0.82 R

ArchRock maintenance logs onsite indicated that the last site visit was conducted April 20, 2020. The log sheets (identifying the unit as 190124 XX21234) indicated the following operational parameters:

- RPM 93
- Differential Pressure of Catalyst 15

SUMMARY

On April 28, 2020, Gaylord District Staff conducted a scheduled site inspection of the Jordan Development Company LLC (Jordan) Slam Duncan Central Processing Facility (CPF) (N7868) (AKA CPF # 1809). The referenced Facility is located on Moores Landing Road, in the NE ¼, NE ¼, NW ¼, Section 13, T31N, R5E, Green Township, LaChine, Alpena County, Michigan. The Slam Duncan CPF is an unmanned Facility located, amongst large, privately owned and mostly undeveloped properties. Natural Gas (NG) collected from Antrim Formation NG wells in

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The Facility operates under Permit to Install (PTI 312-07) issued on December 3, 2007. The referenced permit is an opt-out permit and allows for engine replacement and/or swings under Special Condition 2.8.

At the time of the site inspection, the skies were mostly cloudy, with light winds, and temperatures of approximately 48 degrees Fahrenheit. The facility was operating at the time of the site inspection. No visible emissions were noted from either the glycol dehydrator or the compressor engine stack. No compliance issues were noted.

A records review will be conducted by Cadillac District Staff to complete the requirements of a Full Compliance Evaluation.

Sharon LeBlanc LeBlanc Date: 2020.06.11 12:38:26-04'00'

Shane Nixon Digitally signed by Shane Nixon Date: 2020.06.11 12:38:55-04'00'