

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
**ACTIVITY REPORT: On-site Inspection**

N656064867

<b>FACILITY:</b> RIVERSIDE - LIVINGSTON 31 CPF		<b>SRN / ID:</b> N6560
<b>LOCATION:</b> SE4, SW4, Sec 31, T31N, R3W (gt 4/12/07), LIVNGSTON TWP		<b>DISTRICT:</b> Gaylord
<b>CITY:</b> LIVNGSTON TWP		<b>COUNTY:</b> OTSEGO
<b>CONTACT:</b> Natalie Schrader , Environmental Specialist		<b>ACTIVITY DATE:</b> 06/29/2022
<b>STAFF:</b> Becky Radulski	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> SM OPT OUT
<b>SUBJECT:</b> FY22 scheduled inspection and records review		
<b>RESOLVED COMPLAINTS:</b>		

**AQD Staff traveled to N6560 Riverside Livingston 31 Central Production Facility (CPF) located in Livingston Township, Otsego County, for a scheduled inspection to determine compliance with PTI 34-99. This is an opt out permit.**

**The Livingston 31 CPF is a natural gas production facility, extracting gas from the Antrim formation. Natural gas and brine fluids are extracted from wells drilled into producing reservoirs then transmitted through flow lines to a CPF. The gas is compressed by one engine, and water is removed by a glycol dehydrator.**

## LOCATION

**The facility is located north of M-32, approximately 1/3 mile east of the M-32 and North Townline Road Intersection in Gaylord, MI. The driveway to the site is approximately 1/10 mile gravel drive.**

## REGULATORY DISCUSSION

**PTI 34-99 was issued April 6, 1999 for three compressor engines.**

**The engine is subject to 40 CFR Part 63, Subpart ZZZZ, while the glycol dehydrator is subject to 40 CFR Part 63, Subpart HH. Subpart HH has not been delegated to EGLE from EPA. Subpart ZZZZ has been delegated to EGLE, however the AQD is not completing compliance determinations for Subpart ZZZZ for area sources at this time.**

## INSPECTION NOTES

**The source consists of a Caterpillar 3516 engine, a tank farm with an approximately 400 barrel tank and a glycol dehydrator system.**

**One Caterpillar 3516 engine was operating during the inspection. The unit is identified as EUENGINE3 in MAERS. The unit was operating at 1128 RPM, 55 psi engine oil pressure.**

**EUENGINE1 was noted as dismantled in MAERS in 2020. This was confirmed onsite.**

**The glycol dehydrator unit was emitting steam, no odor detected.**

## **RECORDS REVIEW**

**SC 1, 3 – limits Nitrogen Oxides (NOx) from the engines to 70.4 tons per year based on a 12-month rolling time period. Only one engine is operating, emitting 11.7 tpy, 12 month rolling. There are no CO requirements.**

**SC 2 – requires permittee to monitor fuel consumption, no limit. Fuel use is recorded, with 51.9 MMCF in past 12 months.**

**SC 4 – restricts exhaust stack from the engines to a minimum height of 35 feet and maximum diameter of 12 inches.**

**TESTING/SAMPLING: Testing is required if requested by AQD. AQD has not made this request.**

**MAERS: The facility is required to report annual emissions to MAERS. The MAERS 2021 submittal was reviewed. See MAERS for details.**

## **MACES**

**Information and Regulatory information was reviewed and updated.**

## **COMPLIANCE DETERMINATION**

**Based on the inspection and records review, N6560 Riverside Livingston 31 CPF appears to be in compliance with records required in PTI 34-99.**

NAME Bobby Kadubski

DATE 7-6-23

SUPERVISOR Shane Nixon