

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

P004265387

FACILITY: RIVERSIDE - VIENNA 23 BOOSTER STATION		SRN / ID: P0042
LOCATION: Part of the NE/4 of NW/4 of SE/4, Section 23, T30N-R1E, VIENNA TWP		DISTRICT: Gaylord
CITY: VIENNA TWP		COUNTY: MONTMORENCY
CONTACT:		ACTIVITY DATE: 10/06/2022
STAFF: David Bowman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Scheduled inspection of site.		
RESOLVED COMPLAINTS:		

On 6 October 2022 I, David Bowman MI EGLE AQD, conducted a site inspection for Riverside Energy Vienna 23 CPF operating under the conditions of Permit to Install (PTI) 195-18. The site is located on M32 on the Western side of M32 in between the McCormick Lake Rd and Camp 8 Road interchanges on M32 in the area known as "Bigelow" but has no real town markers, an out of business store and many other than residential homes.



It was overcast and close to rain, temperature was 58 degrees F by the truck thermometer. The winds were blowing from the East to the West at 5 mph. There were no discernable odors on site and the site appeared to be well maintained – no spills or puddles.

The site originally operated under the conditions of PTI 19-10, but all equipment was removed from the site and the PTI was voided. PTI 195-18 covers the equipment now found at the site. A supplemental revision was issued on 24 April 2019 to correct references in the emission limits table, no equipment was added or removed when the revision was completed.

There is a single engine on the site – EUENGINE1. Records all indicated it is a CAT 3406 TA s/n 4FD 01282 unit # 74342.

EUENGINE1

SC II. Material Limits

1. Permittee shall only burn pipeline natural gas.

Discussion - I spoke with a Riverside worker onsite, I did not write down his name, he told me that the fuel burned in the EU was coming from the field being sent to the compressor and that it was Antrim gas and did not require any additional processing other than compression to the sales line.

SC III. Process/Operational Restrictions

1. Malfunction Abatement Plan (MAP) is required for the site.

Discussion - An approved MAP is located in the Gaylord District Office. It was approved on 22 February 2019 and meets all the requirements of SC III (1)(a)through(e).

1. Permittee shall not operate any engine equipped with an add-on control device for more than 200 hrs...

Discussion -- The engine has no control so this requirement does not apply to the EU.

SC IV. Design/Equipment Parameters

1. EUENGINE1 nameplate capacity shall not exceed 325 HP

Discussion - I was not able to locate a data plate on the engine. Manufacturers information supplied during the process (attachment 1 to PTI application) specified a CAT G3406 TA with 325 HP maximum. The check sheet is for the same type of engine at the site.

1. Permittee shall not operate any engine with an add-on control device unless the device is installed...

Discussion - The EU does NOT have control

1. The permittee shall install, calibrate, maintain, and operate in a satisfactory manner a device to monitor and control the natural gas flow.

Discussion – there is a device present to control the gas flow rate. Records review shows that the monthly and 12-month rolling usage is being monitored and tracked.

SC V. Testing/Sampling

1. Upon request by the AQD District Supervisor, the permittee shall verify NOx and CO emission factors...

Discussion This has not been requested and the source used AQD emission factors in their PTI application.

SC VIII. Stack/Vent Restrictions

1. SVENGINE1 Max Exhaust Diameter 12" Min Height 38'

Discussion -- Using the Nikkon Forestry Pro the stack height is approximately 39' above ground level. Stack diameter appears to be 12" diameter.

NAME *DJB*

DATE 2-13-23

SUPERVISOR *Shane Nixon*