

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

P101573664

FACILITY: Enbridge Energy, LP		SRN / ID: P1015
LOCATION: SEC 35, T43N, R32W, CRYSTAL FALLS		DISTRICT: Marquette
CITY: CRYSTAL FALLS		COUNTY: IRON
CONTACT: Paul Turner , Environmental Specialist		ACTIVITY DATE: 08/08/2024
STAFF: Joe Scanlan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Inspection to determine compliance with PTI No. 61-19A		
RESOLVED COMPLAINTS:		

REGULATORY AUTHORITY

Under the Authority of Section 5526 of Part 55 of NREPA, the Department of Environment, Great Lakes, and Energy may upon the presentation of their card, and stating the authority and purpose of the investigation, enter and inspect any property at reasonable times for the purpose of investigating either an actual or suspected source of air pollution or ascertaining compliance or noncompliance with NREPA, Rules promulgated thereunder, and the federal Clean Air Act.

FACILITY DESCRIPTION

Enbridge owns and operates the Line 5 pipeline which transports natural gas liquids and light crude oil. A segment of Line 5 crosses a tributary of the Paint River in Crystal Falls, Michigan. On October 3, 2018, Enbridge entered into an agreement with the State of Michigan which included a commitment to replace this particular segment using horizontal direction drill technology (HDD). Temporary PTI No. 61-19A was issued for a pipeline replacement project that was completed in 2022.

PROCESS DESCRIPTION

The following equipment was permitted to be temporarily installed for the pipeline replacement project:

<u>EMISSION UNIT</u>	<u>Equipment Description</u>	<u>Model</u>	<u>Tier Rating</u>	<u>hp Rating</u>
EULIGHT	Light Plant 1 (East)	Mitsubishi L3E-W464ML	Tier 4	49
	Light Plant 2 (East)	Mitsubishi L3E-W464ML	Tier 4	49
	Light Plant 3 (East)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Light Plant 4 (East)		Tier 4	14

		Kubota D1105-GB-EF02 1.0 Liter		
	Light Plant 5 (West)	Mitsubishi L3E-W464ML	Tier 4	49
	Light Plant 6 (West)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Light Plant 7 (West)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Light Plant 8 (West)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Light Plant 9 (East)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Light Plant 10 (East)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Light Plant 11 (West)	Kubota D1105-GB-EF02 1.0 Liter	Tier 4	14
	Ground Thaw Unit	Generator - MAXI-HEAT®	Tier 4	14.5
EUCOMPRESSOR	Compressor 1 (West)	Kubota D1803-CR-R-EF01 1.8 Liter	Tier 4	49
	Compressor 2 (East)	Kubota D1803-CR-R-EF01 1.8 Liter	Tier 4	49
	Heater 1 (West)	Kubota D1305-BG-EF02	Tier 4	25

	Heater 2 (West)	Kubota D1305-BG-EF02	Tier 4	25
	Heater 3 (East)	Kubota D1305-BG-EF02	Tier 4	25
	Heater 4 (East)	Kubota D1305-BG-EF02	Tier 4	25
	Heater 5	Wacker Neuson E3000	Tier 4	25
	Heater 6	Wacker Neuson E3000	Tier 4	25
	Heater 7	Wacker Neuson E3000	Tier 4	25
	Heater 8	Wacker Neuson E3000	Tier 4	25
EUMUDPUMP	Mud Pump (Prime Pump 1) (West)	C15 ACERT	Tier 3	540
	Mud Pump (Prime Pump 2) (East)	C15 ACERT	Tier 3	540
EUMUDSYSTEM	Tulsa Rig Iron 75 1 (West)	Cummings QSL9-T3	Tier 3	365
	Tulsa Rig Iron 75 2 (East)	Cummings QSL9-T3	Tier 3	365
EUWATERPUMPS	Genertaor 1 ISUZU (East)	BP-4LE2X	Tier 4	38.3
	Genertaor 2 ISUZU (West)	BV-4LE1NYGV-03E	Tier 4	52.3
	Genertaor 3 Cummins (West)	QSL9-G3 NR3	Tier 3	535

	Water Pump 1 (East)	4045TF290	Tier 4	74
	Water Pump 2 (East)	4045TF290A	Tier 4	74
	Water Pump 3 (East)	4045TF290A	Tier 4	74
EUDRLLRGAA440	EU Drill 440 (West)	Cummings QSX15/DD-440T	Tier 3	600
EUDRLLRGPRM300	EU Drill Rig Prime 300 (East)	Cat C18 Industrial	Tier 4	630

COMPLIANCE

This facility has not had a prior site visit or compliance inspection. No complaints have been received regarding the facility.

INSPECTION

Enbridge was required to notify the AQD of the date when each engine is located at the facility and when each engine is removed. This allows for verification that the engines still qualify as “temporary” for NSPS and NESHAP applicability. The company was diligent in notifying AQD in a timely manner, via email and hardcopy letters, when equipment was installed and removed from the site.

On 8/08/2024, Enbridge Environment Supervisor Paul Turner was contacted by AQD Marquette District staff (Joseph Scanlan) via email to determine the status of the project. Paul responded that the project had been completed in 2022 and all equipment had been removed from the site. The company requested that PTI No. 61-19A be voided.

No further records were requested.

CONCLUSION

Per the company’s request, on 8/08/2024 Marquette District AQD staff requested that the AQD Permit Section void PTI No. 61-19A. Operating status for the facility has been changed to “Permanently Closed” in MACES.

NAME



DATE 10/1/2024

SUPERVISOR

