

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

N614374752

FACILITY: TRENDWELL ANTRIM INC - Albert 16/Albert 17		SRN / ID: N6143
LOCATION: SW NW NW T29N R1E SEC 15, ALBERT TWP		DISTRICT: Gaylord
CITY: ALBERT TWP		COUNTY: MONTMORENCY
CONTACT:		ACTIVITY DATE: 10/30/2024
STAFF: Tammie Puite	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Site Inspection to become familiar with the site, since I am newly assigned inspector.		
RESOLVED COMPLAINTS:		

The Trendwell Antrim Inc, Albert 16 & Albert 17, is a natural gas central processing facility (CPF) located in Albert Township, Montmorency County. To access this facility, From Lewiston, Go North on Buttles Road for 1 mile. Turn Left onto Winding Road go Northwest for 1.5 miles. Turn left on the access road, the facility is the second CPF, just passed a N6609, Lambda's Albert 16 CPF. This facility processes sweet natural gas from low-pressure Antrim formation wells that flow to the facility via buried flowlines. Upon reaching the facility, the gas is compressed and directed through a Tri ethylene glycol dehydrator for moisture removal. Following dehydration, natural gas is directed to a sales pipeline.

I performed an inspection on this source with respect to Permit to Install (PTI) numbers 701-96B and 205-07B. An onsite inspection was performed on October 30, 2024. Upon arrival on site, no odors were noted downwind and no visible emissions from any point were noted. The facility appeared in full operation. The facility was found to have good housekeeping practices that met with industry standards.

Equipment Onsite inside the Albert 16:

Grey CAT G398HCNA, 12 cylinder, 500 HP, Serial # 73B01792, Unit # 937 – Catalyst installed, but not hooked up (stainless lines are unhooked). However, temps are still be recorded. Stack does have a muffler.

- Operating at 1079 RPM
- Oil Pressure – 75 psi
- Catalyst Inlet Temp 871°F
- Catalyst Outlet Temp 958°F
- Maintenance Log says on the 10/8/24 Catalyst was replaced.

Blue CAT G398HCNA, 12 cylinder, 500 HP, No tag, Unit #938. Not Operating, and Stack Unhooked.

There is 3 water and gas separators inside the building.

Equipment Onsite inside the Albert 17:

Blue CAT 3408LE, 8 cylinder, 425 HP, 1800 RPM, Skid # GCS 314, that was not operating, but is hooked up. Stack is uncontrolled with a muffler. No log sheet found.

Grey CAT 3516TA, 1400 RPM, Rebuild Date 7/6/22, Skid # GCS 1326, Serial # 4EK01234. Does have what appears to be a catalyst or something measuring temps, not in a box. Stack has a muffler.

- Operating at 1300 RPM
- Oil Pressure 54 PSI
- Hour Meter 109010
- Temp 809°F
- With Catalyst
 - 1062°F
 - 1060°F

There is a water separator and a gas separator inside the building.

Equipment Onsite:

Two AST Tanks on site, inside secondary containment, with direct vent to air. Exempt under permitting R336.1284 (2)(e).

Two Tri ethylene Glycol Dehydrators, one for each building. Both were operating.

Permit to Install 205-07B: - Compliance with permit conditions will be determined once request for records is received.

Permit 701-96B Should have been voided with the issuance of PTI 205-07. I have requested this permit be voided, since the equipment is permitted under 205-07B.

At the time of my inspection, it appears that this facility is not in compliance with their permit, due to an engine being replaced without a modification to their permit.

Permitting History:

EUENGINE1 Albert 16	Grey, 398 HCNA, 500 HP, 12 Cylinder, W/ CC (Unit 937) (EU00001)	701-96B	-Removed 9/2015
		205-07B	-Reinstated 7/1/2022 -Emissions Test was performed at re-install.
EUENGINE2 Albert 16	Blue, 398 HCNA, 500 HP, 12 Cylinder, W/ CC (Unit 938) (EU00002)	701-96B 205-07B	Removed 7-1-2022
EUENGINE3 Albert 17	930 HP w CC, GCS167, (EU00005)	701-96A	Replaced 7/1/2000
	CAT 3516LE, 1150 HP, LE, GCS 1326 (EU00006)	701-96B	
	CAT 3516LE, 1400 RPM, 1265 hp, 12 Cylinder, Unit #1326	205-07A 205-07B	
	Grey, CAT 3516TA, 1400 RPM, 16 Cylinder Unit, Rebuild Date 7/6/2022, Serial # 4EK01234	No PTI	Inspection 10/30/2024;
EUENGINE4 Albert 17	3512 LE, 1200 RPM, 810 HP, 12 Cylinder, Unit #902	701-96B 205-07A 205-07B	Removed 11/2011

EUENGINE5 Albert 17	3406 HCNA, 215 HP w cc Blue, CAT 3408 LE, 1800 RPM, 425 HP, 8 Cylinder, (Booster 314)	701-96B 205-07A 205-07B	 -Replaced 12/5/2008
EUDEHY1	Albert 16 - EUDEHY	205-07B	
EUDEHY2	Albert 17 - EUDEHY	205-07B	



Image 1(N6143 - Trendwell) : Albert 16, 17 & S Albert CPF



Image 2(Albert 16) : Exterior View of Albert 16 Building, and Stack of Engine that was running.



Image 3(Albert 17) : Exterior view of Albert 17 Building, and 2 Dehy Units. View of Stacks for both Engines.

NAME 

DATE 12-4-24

SUPERVISOR 