

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

P039362582

FACILITY: EUP WOOD SHAVINGS INC		SRN / ID: P0393
LOCATION: 16794 S HUGGININ ROAD, KINROSS		DISTRICT: Marquette
CITY: KINROSS		COUNTY: CHIPPEWA
CONTACT: JAMES PORTICE , VICE PRESIDENT		ACTIVITY DATE: 03/29/2022
STAFF: Lauren Luce	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Targeted Inspection FY22		
RESOLVED COMPLAINTS:		

Facility: EUP Wood Shavings (SRN: P0393)

Location: 16888 Hugginin Rd, Kincheloe, Chippewa County, MI, 49788

Contact(s): James Portice, Plant Supervisor

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

Eastern Upper Peninsula (EUP) Wood Shavings is a wood-product manufacture that produces animal bedding for livestock. The animal bedding consists of wood shavings from processed softwood logs. Production and packaging are done at the plant in Kincheloe, Michigan.

Process Description

Shavings are produced from softwood logs fed into planer saws. Wood fines are collected and transported via pneumatic line to a storage bin. The wood fines are augured out of the storage bin and blown into the Webb burner as fuel. During start-up, the burner exhausts through the stack directly above the burner. Once the burner temperature is high enough, the exhaust is diverted to pass through the transfer duct by a draft fan. The hot flue gases then pass through the rotary dryer, drying the wood shavings, and then through the cyclone and out its stack.

Emissions Reporting

EUP Wood Shavings is not required to report annual emissions to Michigan Air Emissions Reporting System (MAERS).

Regulatory Analysis

The facility is a minor source and subject to PTI No. 161-12.

Compliance History

The facility has not received any violation notices in the past five years. The facility was last inspected in 2015 and was found to be in compliance with all applicable air quality rules and federal regulations at that time.

Inspection

On March 29, 2022, I conducted an unannounced inspection of EUP Wood Shavings Report. I arrived at the office building and met with Plant Supervisor, James Portice. It was explained to Mr. Portice that the purpose of the inspection was to ensure compliance with PTI No. 161-12 and all other applicable air pollution control rules and federal regulations.

PTI No. 161-12 lists one Emission Unit:

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Flexible Group ID
EUDRYER	A 15MMBtu per hour Webb wood-fired burner with a rotary dryer, dries hardwood and softwood shavings to produce animal bedding. Controlled by a cyclone dust collector. During start-up, the furnace exhausts through a stack attached to the furnace. After start-up, the furnace exhausts through the dryer and then through the cyclone stack.	N/A
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.		

EUDRYER

The inspection began by discussing operations and reviewing production records with Mr. Portice. The facility primarily processes balsam and spruce to produce animal bedding for farms. SC II.3 states that the facility shall not process more than 5 oven-dried tons of greenwood hardwood and/or softwood materials per hour through EUDRYER. To track production, the facility records the average weight of the bags and the number of bags produced. Records showed the facility is currently producing around 12 tons per day. Since the facility tracks by day, it was suggested they add an hourly count to ensure compliance.

During the inspection, the dryer inlet temperature was 753 degrees Fahrenheit, the outlet temperature was 170 degrees, and the burn chamber was 1,470 degrees (SC III.3).

Miscellaneous

The facility had a fire on 12/07/2018 that destroyed the main building and most of the equipment. The burner was salvaged along with the blow fan. The facility has renovated the adjacent building that the company used previously as storage, along with ordering and setting up new equipment and is now operating out of that building. AQD Staff conducted a site visit on 5/27/20 and it was determined that the company would not need to go back through the permitting process to modify PTI No. 161-12

Compliance

Based on this inspection, EUP Wood Shavings is in compliance with PTI No. 161-12 and all other applicable regulations.



Image (1): EUDRYER temperature.

NAME Jan Jan

DATE 4/13/22

SUPERVISOR Ed