

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

N514372084

FACILITY: Shepler's Inc.		SRN / ID: N5143
LOCATION: 121 South Huron Avenue, MACKINAW CITY		DISTRICT: Gaylord
CITY: MACKINAW CITY		COUNTY: CHEBOYGAN
CONTACT:		ACTIVITY DATE: 05/31/2024
STAFF: David Bowman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection for FY 24		
RESOLVED COMPLAINTS:		

On 31 May 2024 I, David Bowman MI EGLE AQD, conducted a scheduled site inspection of N5143 Sheplar's Inc, located at 121 South Huron Ave, Mackinaw City. N5143 is a minor source operating under the conditions of permit to install (PTI) 96-94. This is not the same location as the Sheplar's Ferry dock. This site is co-located with the Sheplar's Ship Store. From the intersection of E Central and South Huron street travel south approximate 0.2 miles and the site is located on the east side of the road at the Mackinaw City Marina.

There was no odors outside of the building and no signs of spills or coating leaving the building. I met Michelle, the new GM. She has taken over in the last few weeks and was not aware of the PTI but was aware of the operations outlined in it. I explained the reason for my inspection, explained the PTI, and gave her a copy so she could ensure that she was meeting the requirements. Due to her newness in the position she was not sure where the records were kept, but is going to find them and email me a copy so I can add it to the inspection.

The primary use of the coatings booth is in the winter season when the ferries are taken out of the water and maintained. During the remainder of the year they use it as needed for single jobs requested by private boat owners. During the inspection there was a boat inside having anticorrosion paint applied. The application was being conducted by brush, as is the normal process for this type of nautical coating application.

The building contains office space and the ship store in the front with the remaining portion (50% to 75% of the structure) being a large bay for maintenance. When the coating operations are being completed on the ferries and larger vessels there is a portable induction fan system that is placed into operation and connects to the stacks. When it is not in use the stacks are covered internally with filter material to capture fugitives.

Special Conditions (SC) for PTI 96-94:

SC 16. There shall be no visible emissions (VE) from the process.

Discussion – there was no VE identified from the building.

SC 18. Applicant shall not operate the process unless all filter material is in place and operating properly.

Discussion – At the time of the inspection all required filters were in place.

SC 20. Exhaust gases from the process shall be discharged unobstructed vertically with each stack having a maximum diameter of 42 inches and a stack height of no less than 35.66 and 37.66 for the two stacks.

Discussion – the diameter of the stacks appears to meet the diameter of 42” and each stack is estimated to be no lower than 40 feet at the top.

SC 21 The disposal of collected spent filters, waste and purge materials and solvents shall be performed in a manner that minimizes the introduction of air contaminants to the outer air.

Discussion – Spent filters are able to be sent through the waste stream and all waste and purge materials are handled inside the building and all emissions have to pass through filter materials and purge solvents are minimized.

The records required by SC 15 and SC 19 are being sent via email and will be evaluated in a separate report.

At the time of inspection all indications were that the source is meeting the requirements of the permit.

NAME



DATE

7-10-24

SUPERVISOR

