

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

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| FACILITY: TIMBER PRODUCTS MICHIGAN | | SRN / ID: B1471 |
| LOCATION: HIGHWAY M-28, MUNISING | | DISTRICT: Upper Peninsula |
| CITY: MUNISING | | COUNTY: ALGER |
| CONTACT: Rich Aldrich , Plant Engineer | | ACTIVITY DATE: 11/30/2017 |
| STAFF: Sydney Bruestle | COMPLIANCE STATUS: Compliance | SOURCE CLASS: SM OPT OUT |
| SUBJECT: Onsite inspection to verify compliance with PTI 292-96 and all other applicable state and federal air quality regulations | | |
| RESOLVED COMPLAINTS: | | |

On November 30, 2017 I (Sydney Bruestle) performed an onsite inspection of Timber Products Michigan located at 11256 E State Highway 28 Munising, MI. I met with Rich Aldrich, an engineer onsite. He was able to give me a full tour of the facility and emission units and then provide me with the required records.

Timber Products Michigan processes hardwood logs and produces several different wood products including (but not limited to) plywood, rail road ties, and veneer used to make musical instruments. They receive logs via truck and rail car. The facility also operates 4 wood fired boilers onsite. Boilers 1 & 2 are fire tube and Boilers 3&4 are water tube.

Timber Products Michigan operates under PTI 292-96 and is required to track fuel usage (monthly and annually) and adhesive usage (monthly). The facility no longer burns used fuel oil, Mr. Aldrich was able to show me waste manifests for the used fuel oil being transferred offsite (I have attached a waste manifest from November 2017 to this report).

The facility calculates the wood fuel usage with the measured surrogate parameter of boiler feedwater flow (I have attached the records for October 2017 to the hard copy of this report). The calculated 12 month rolling sum of wood burned for October 2017: 29,588 tons combined for all 4 boilers. This is in compliance with the permit limit of 44,500 tons per year of wood fuel usage for all 4 boilers.

While onsite there were no visible emissions coming from boiler (1,2,3 &4), the facility was in compliance with the 20% opacity limit in PTI 292-96. All dust collectors were installed and appeared to be operating properly.

The facility uses adhesive in the veneer splicing operation. In October 2017 the facility used 350 lbs of adhesive (this is a typical month's usage). Timber Products is in compliance with the permit limit of less than 5,000 lbs of adhesive used per month. The current annual usage of adhesive is only 4,221 lbs. The facility uses less adhesive in the veneer process than when first permitted in 1996.

At the time of my inspection Timber Products of Michigan appeared to be in compliance with PTI 292-96 and all other applicable state and federal air quality regulations.

NAME



DATE

12/4/17

SUPERVISOR

