

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

N220668903

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| FACILITY: BANKS HARDWOODS, INC. | | SRN / ID: N2206 |
| LOCATION: 69937 M-103, WHITE PIGEON | | DISTRICT: Kalamazoo |
| CITY: WHITE PIGEON | | COUNTY: SAINT JOSEPH |
| CONTACT: Jim Clarke , Chief Financial Officer | | ACTIVITY DATE: 08/10/2023 |
| STAFF: Chance Collins | COMPLIANCE STATUS: Compliance | SOURCE CLASS: SM OPT OUT |
| SUBJECT: Scheduled Inspection for FCE. | | |
| RESOLVED COMPLAINTS: | | |

On August 10, 2023, AQD staff traveled to St. Joseph County to perform an inspection of Banks Hardwoods, Inc. The purpose of the inspection was to determine the facility's compliance with Permit to Install No. 361-05C and applicable state and federal air pollution control regulations.

AQD staff arrived on site at 12:15 p.m. to rainy conditions with a temperature of 75°F and a wsw wind of 10 mph. There were no noticeable odors upon arrival.

Jim Clarke is the contact person for the facility and was reachable by telephone if needed during the inspection.

The following discusses the findings of the inspection and review of records:

EU-PLANT1: Sawing and planing operations controlled by a Donaldson-Torit bag filter collector to produce finished hardwood lumber in Plant 1.

Pollution Control Equipment: Bag filter collector No. 1

The differential pressure gauge was reading 0.

All records were reviewed on-site and are being kept in a satisfactory manner.

EU-PLANT2: Sawing and planing operations controlled by a Donaldson-Torit bag filter collector to produce finished hardwood lumber in Plant 2.

Pollution Control Equipment: Bag filter collector No. 2

The differential pressure gauge was reading 2".

All records were reviewed on-site and are being kept in a satisfactory manner.

EU-QUANTUM: Sawing and planing operations controlled by a Donaldson-Torit bag filter collector to produce finished hardwood lumber in Quantum Plant.

Pollution Control Equipment: Bag filter collector

At the time of inspection, EU-QUANTAM was not running.

All records were reviewed on-site and are being kept in a satisfactory manner.

EU-CEMENT: Sawdust storage silo for Boiler #2 controlled by a Donaldson-Torit bag filter collector.

Pollution Control Equipment: Bag filter collector No. 6

All records were reviewed on-site and are being kept in a satisfactory manner.

EU-COMPONENT: Sawing and planing operations controlled by a Donaldson-Torit bag filter collector to produce finished hardwood lumber in the Component Plant (Plant 5).

Pollution Control Equipment: Bag filter collector No. 5

The differential pressure gauge was reading 1.6".

All records were reviewed on-site and are being kept in a satisfactory manner.

EU-PLANT3: Sawing and planing operations controlled by a Donaldson-Torit bag filter collector to produce finished hardwood lumber in Plant 3.

Pollution Control Equipment: Bag filter collector No. 3

The differential pressure gauge was reading 0.6".

All records were reviewed on-site and were kept in a satisfactory manner.

EU-GREENCYCLONE: Green lumber cutting saw controlled by a Donaldson-Torit bag filter collector in Plant 4.

Pollution Control Equipment: Bag filter collector No. 4

All records were reviewed on-site and were kept in a satisfactory manner.

EU-BOIL1CYC: Sawdust storage silo for Boiler #1 controlled by a cyclone collector.

Pollution Control Equipment: Cyclone collector

All records were reviewed on-site and were kept in a satisfactory manner.

EU-PROPANEHEAT: Miscellaneous propane space heaters, enclosed furnaces, and hot water heaters in the facility. Each unit is no bigger than 0.175 MMBtu per hour.

Pollution Control equipment: NA

The facility burns only propane in EU-PROPANEHEAT

EU-BOILER1: A 17.8 MMBtu per hour wood-fired boiler.

Flexible Group ID: FGBOILERS

Pollution Control Equipment: Multicyclone Collector

Hourly emission limits for PM, PM10, and PM 2.5 are calculated by the results of required stack test results.

EU-BOILER2: A 26.8 MMBtu per hour wood-fired boiler.

Flexible Group ID: FGBOILERS

Pollution Control Equipment: Multicyclone collector

Hourly emission limits for PM, PM10, and PM 2.5 are calculated by the results of required stack test results.

FGBOILERS: Two wood-fired Boilers

Emission Unit: EU-BOILER1, EU-BOILER2

Pollution Control Equipment: Multicyclone collectors

As of June 2023, the 12-month rolling time period CO emissions are 30.84 tons per year. This is within the permitted limit of 79.5 tons per year.

As of June 2023, the 12-month rolling time period tons of burned dry wood are 7881.78 tons per year. This is within the permitted limit of 15,786 tons per year.

All records were reviewed on-site and were kept in a satisfactory manner.

FG-KILNS: Thirty-five hardwood lumber drying kilns.

Emission Unit: EU-KILN1, EU-KILN2, EU-KILN3, EU-KILN4, EU-KILN5, EU-KILN6, EU-KILN7, EU-KILN8, EU-KILN9, EU-KILN10, EU-KILN11, EU-KILN12, EU-KILN13, EU-KILN14, EU-KILN15, EU-KILN16, EU-KILN17, EU-KILN18, EU-

KILN19, EU-KILN20, EU-KILN21, EU-KILN22, EU-KILN23, EU-KILN24, EU-KILN25, EU-KILN26, EU-KILN27, EU-KILN28, EU-KILN29, EU-KILN30, EU-KILN31, EU-KILN32, EU-KILN33, EU-KILN34, EU-KILN35

As of June 2023, the 12-month rolling time period VOC emission are 57.6 tons per year. This is within the permitted limit of 82.8 tons per year.

All records were reviewed on-site and were kept in a satisfactory manner.

FGCOAT: Five coating areas to spray apply wax coating and identifying board paint.

Emission Unit: EU-COAT1, EU-COAT2, EU-COAT3, EU-COAT4, EU-COAT5

As of June 2023, the 12-month rolling time period VOC emissions are at 0.807 tons per year. This is within the permitted limit of 6.1 tons per year.

As of June 2023, the 12-month rolling time period gallons of coating are at 7,425 gallons. This is within the limit of 33,100 gallons.

All records were reviewed on-site and were kept in a satisfactory manner.

NAME 

DATE 9/7/23

SUPERVISOR 