

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Self Initiated Inspection

N136353814

FACILITY: BACCO CONSTRUCTION CO PLANT 25		SRN / ID: N1363
LOCATION: N3676 US 2, IRON MOUNTAIN		DISTRICT: Upper Peninsula
CITY: IRON MOUNTAIN		COUNTY: DICKINSON
CONTACT: JOHN FORTIER, PRESIDENT		ACTIVITY DATE: 06/04/2020
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Onsite inspection to verify compliance with PTI 398-86AJ and all other applicable state and federal air quality regulations		
RESOLVED COMPLAINTS:		

On June 4, 2020 I (Sydney Bruestle) performed an onsite inspection of Bacco Construction Company Asphalt Plant 25. The caterpillar PVM-2500 Unitized Drum Mix Portable Asphalt plant was located in Calumet Township, MI. During the inspection I met with Jordan Maki, plant operator. Mr. Maki showed me the plant operating parameters and provided me records required by Permit to Install (PTI) 398-86AJ.

Below is a summary of the permit requirements reviewed while onsite:

The following fuel specs are from fuel delivered May 6, 2020. The facility began operating for the 2020 season on May 19th, 2020.

Fuel Oil Contaminant Limits

Contaminant	Limit	Analysis Result
Arsenic	5.0 ppm	<1.0 ppm
Cadmium	2.0 ppm	< 0.10 ppm
Chromium	10.0 ppm	<4.0 ppm
Lead	100.0 ppm	<1.0 ppm
PCBs	1.0 ppm	<1.0 ppm
Total Halogens	1000.0 ppm	<200 ppm
Sulfur	0.5 % by weight	0.29 % by weight

The total combined production of virgin HMA and HMA containing recycled asphalt material (RAP) is 11,000 tons for the 2020 calendar year. This is below the permit limit of 420,000 tons per calendar year. The max percent RAP is limited to 50%, during the inspection the plant was using 15% RAP in the asphalt mixture. The facility operates a baghouse on the plant, the pressure drop at the time of the inspection was 3.73 inches water column. During the inspection there was significant visible steam coming from the plant, however, the Visible Emissions were less than 20% OPACITY. The roads leading to and from the plant had been freshly wet to suppress dust.

At the time of my inspection it appeared Bacco Construction Asphalt plant 25 was in compliance with PTI 398-86AJ and all other applicable state and federal air quality regulations.

NAME Sydney Bruestle  
EJB

DATE 6/11/20

SUPERVISOR EJB