

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

P070737930

FACILITY: Bekkalas Diesel Repair		SRN / ID: P0707
LOCATION: 23862 Oneco Road, CALUMET		DISTRICT: Upper Peninsula
CITY: CALUMET		COUNTY: HOUGHTON
CONTACT: PAUL HAATAJA , MECHANIC		ACTIVITY DATE: 12/13/2016
STAFF: Joel Asher	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Waste oil furnace		
RESOLVED COMPLAINTS:		

On 6/6/2016, PTI #72-16 was issued to Bekkala's Diesel for a waste oil furnace. On 12/13/16 I conducted an unannounced inspection.

My contact at the site was Mr. Paul Haataja, mechanic. The owner, Mr. Craig Bekkala had stepped out of the shop just prior to my arrival.

Mr. Bekkala stated they collect waste oil from the work done in their mechanic's shop as well as from the public (off-site oil). This waste oil is then burned in their waste oil furnace to provide in-floor heat for their shop. The facility has a Clean Burn CB200 CTB furnace rated at 200,000 BTU/hour. There are several tanks piped together to supply the waste oil to the furnace. Records show the furnace was last cleaned on 10/18/16.

The facility appears to be operating in compliance with PTI #72-16 as evidenced by the following conditions:

EU-FURNACE1

SC II.1 The facility only burns waste oil in the furnace. No fuel oil has been purchased for combustion. No other materials are burned.

SC III.1 All waste oil is treated prior to combustion.

SC IV.1 The heat design capacity for the furnace is rated at 200,000 BTU per hour.

SC VI.1 requires the facility to maintain records of fuel burned in the furnace. Mr. Haataja provided a sign in sheet that all parties must log in when they drop off oil. The name, date, and quantity of oil is recorded. A mass balance calculation can be completed to determine how much oil is present on site and how much has been burned. It was also stated, the furnace runs 24/7 at a consumption rate of 1.4 gallons per hour.

A sample of waste oil (BD1) was taken from the tank that feeds the furnace. This will be submitted to the laboratory for analysis to verify no hazardous materials are mixed with the oil.

Final determination of compliance will be made upon receipts of the laboratory analysis.

On 12/29/2016 results were received from the laboratory verifying Sample #BD1 is in compliance with waste oil specifications.

This facility is in compliance with PTI #72-16 and the Air Pollution Control Rules.

NAME 

DATE 12/29/16

SUPERVISOR 