

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

N350732116

FACILITY: KRIST OIL CO		SRN / ID: N3507
LOCATION: 303 SELDEN RD, IRON RIVER		DISTRICT: Upper Peninsula
CITY: IRON RIVER		COUNTY: IRON
CONTACT: Krist Atanasoff , President		ACTIVITY DATE: 11/10/2015
STAFF: Joel Asher	COMPLIANCE STATUS: Unknown	SOURCE CLASS:
SUBJECT: Waste oil furnace		
RESOLVED COMPLAINTS:		

On 11/10/15 I conducted an unannounced inspection of this facility. My contact was Mr. Krist Atanasoff.

This facility was issued PTI #45-02 on 2/19/2003 for a waste oil furnace. The facility continues to collect waste oil from off-site and burn it for a heat source for their warehouse. Records are kept of all oil collected.

SC 1.7 requires the facility to conduct an independent waste oil analysis every year. Mr. Atanasoff provided records showing the required analysis was conducted on 3/15/2013, 3/10/2014, and 3/18/2015.

Mr. Atanasoff had another appointment but introduced me to Gino who helped with obtaining a sample of the waste oil.

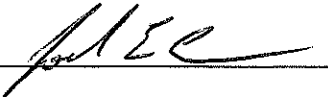
There is no simple way to obtain a sample from the day tank without dealing with water that has settled in the bottom of the tank. A plumbing "T" inserted in the system after one of the pumps would make this process much simpler. In addition the tank needs to be drawn down to remove settled water from the bottom of the tank. An addition of a sump with a pump system would be more efficient. This would allow the operator to open the drain valve and let all water and sediment to drain into the sump (or tray). A separate pump could then be used to pump the water/contaminated oil into a separate drum. The present system requires the operator to manually drain the water into a pan and carry it over and dump it into a drum. This allows for the potential of spillage.

Sample #KRIST1 was obtained from the day tank and will be submitted to the laboratory for analysis. Final determination of compliance will be made upon receipt of the laboratory results.

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Results were received from the laboratory on 11/24/15. The flash point for the sample was recorded at 68 degrees F. This is below the limit of 100 degrees F as required for spec waste oil. I emailed the analytical company (ALS Environmental) and they verified recalling the flash of the sample. The samples conducted before and after (other facilities) were recorded at 200 degrees F.

The laboratory results were forwarded to Mr. Krist Atanasoff with the above explanation. It was suggested he obtain a sample and submit it for analysis. I will plan to take a second sample to verify the results obtained from the 11/10 sample.

NAME 

DATE 12/3/15

SUPERVISOR \_\_\_\_\_