

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

N356344511

FACILITY: Carl V Riddell		SRN / ID: N3563
LOCATION: 7804 Boardman Road SW, S BOARDMAN		DISTRICT: Cadillac
CITY: S BOARDMAN		COUNTY: KALKASKA
CONTACT: Carl Riddell , Owner		ACTIVITY DATE: 04/17/2018
STAFF: Caryn Owens	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection		
RESOLVED COMPLAINTS:		

On Tuesday, April 17, 2018, Caryn Owens and Tammie Puite of the Department of Environmental Quality (DEQ) – Air Quality Division (AQD) conducted a scheduled field inspection of Carl V. Riddell facility (N3563) located at 6804 Supply Road in South Boardman Township, Kalkaska County, Michigan. It should be noted that the facility address of the facility is indicated as 7804 Boardman Road, but upon reviewing online assessment records and confirming the Property diagrams, the actual address is at 6804 Supply Road, Supply Road turns into Boardman Road east of US-131. The site is located on the north side of Supply Road, approximately 2/3 mile west of Boardman River Road SW. The purpose of this inspection was to determine the facility’s compliance with Permit to Install 647-92. This facility is considered a true minor ~~major~~ source due to the limited emissions from a waste oil furnace. DEQ was escorted by Mr. Carl Riddell, the Property Owner during the field inspection.

Source Description

The facility is an auto repair shop called “Boardman Transmission & General Auto Repair”. There is an office and four bays to work on autos. There was an oil burner located on the northern portion of the second bay area, and the remainder of the facility consisted of auto parts and storage, an approximately 275 gallon waste oil above ground storage tanks along with other 55-gallon drums containing motor oil and other maintenance fluids.

The waste oil furnace located at the facility was a Clean Burn (model CB-2500) with a maximum 250,000 BTU per hour (75 kilowatts) heat input capacity, which was not the initially permitted Shenandoah Waste Oil Furnace (Model # WO-f150) with a maximum 175,000 BTU per hour heat input capacity. According to Mr. Riddell, the waste oil is generally burned during the winter, and pumped from the 275 gallon tank to the heater which is done approximately two to three times during the winter months.

The company is claiming the new Clean Burn waste oil furnace meets exemption R 336.1282(2)(b)(iv) which states that waste oil or used oil fuels that are generated on the geographical site and the equipment has a rated heat input capacity of not more than 500,000 BTU per hour are exempt from a permit to install. Since the original waste oil furnace has been removed from the facility and no longer on site, PTI 647-92 can be voided, and no further actions are necessary at this time.

NAME Caryn Owens DATE 4/17/18 SUPERVISOR SN