

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

N401450589

FACILITY: Williams-Chevrolet, Honda, Geo		SRN / ID: N4014
LOCATION: 2600 US 31 S, TRAVERSE CITY		DISTRICT: Cadillac
CITY: TRAVERSE CITY		COUNTY: GRAND TRAVERSE
CONTACT: Michael Dewater, Body Shop Manager		ACTIVITY DATE: 09/04/2019
STAFF: Caryn Owens	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Inspection and Records Review		
RESOLVED COMPLAINTS:		

On Wednesday, September 4, 2019, Caryn Owens of the Department of Environment, Great Lakes and Energy (EGLE) – Air Quality Division (AQD) inspected Williams Chevrolet (SRN: N4014) located at 2600 US Highway 31 South in Traverse City, Grand Traverse County, Michigan. The site is located on the east side of the US-31 South, approximately ¼ mile north of US-31 South and West South Airport Road intersection. The field inspection and records review were to determine compliance with Permit to Install (PTI) 1092-92. The site is currently a minor source of volatile organic compounds (VOCs) and hazardous air pollutants (HAPs).

Summary:

The activities covered during the field inspection and records review for the facility indicates the facility was in compliance with PTI 1092-92, and no additional actions are necessary at this time. Specific permit conditions that were reviewed are discussed below.

On-site Inspection:

During the field inspection it was partly cloudy, 60 degrees Fahrenheit with wind speeds between 5 to 10 miles per hour out of the north. I met with Mr. Mike Dewater, the Body Shop Manager and Mr. Jeff Stachnik who works in the Body Shop area, for a facility inspection and records review. Mr. Dewater accompanied me through the facility to observe the permitted emission units and associated processes. The Body Shop is a full-service auto body and vehicle restoration repair shop and contains two paint booths. One of the paint booths is a drive thru booth, and the other booth the vehicles pulls in, gets associated work completed, then backs out of the booth. The paint booths operate approximately 4 hours per day, five days a week. The booths have filters in the ceiling for circulation that are changed approximately twice a year and filters is the floor that are changed once per year. The ovens in the booth operate between 84-90 degrees Fahrenheit. One of the paint booths was operating during the inspection, and the other paint booth was vacant.

There is a paint kitchen on the north side of the Body Shop used to store all the paints used and cleaning solvent. Safety Kleen Systems handles all of the recycled product that is stored in two 5-gallon containers and solvent cleaner that contains two 5-gallon containers. All the paint used on the vehicles is water-based and any waste generated is collected by Safety Kleen, who picks up about 30 gallons of waste approximately twice a year.

Records Review:

I. Emission Limits:

The emission limit for VOCs is 5.3 pounds per hour and 4.0 tons per year from September 2018 through August 2019. Based on the records reviewed, the VOC emissions reported for the facility were approximately 0.97 lbs per hour and 0.5 tons per year. No visible emissions were observed from the stacks during operation. Additionally, the maximum usage rate is limited to 1,250 gallons per year. Based on the records reviewed, the facility used 396 gallons from September 2018 through August 2019. Based upon the records reviewed, the facility is within the permitted VOC emission limits.

II. Material Limits:

Material Limits are not applicable.

III. Process/Operational Restrictions:

Process/Operational Restrictions were not applicable.

IV. Design/Equipment Parameters:

Design/Equipment Parameters are not applicable.

V. Testing/Sampling:

Performance testing has not been completed at this facility.

VI. Monitoring/Recordkeeping

DEQ observed the paint kitchen where each coating is stored. The usage records of the paints and solvents are recorded in a computer system on site. The records were kept in satisfactory order.

VII. Reporting

Reporting requirements are not applicable.

VIII. Stack/Vent Restrictions:

The stack heights appeared to be in compliance with the PTI diameters and heights.

IX. Other Requirements

Other Requirements were not applicable.

NAME Caryn Owens DATE 9/19/19 SUPERVISOR SN