DEPARTMENT OF ENVIRONMENTAL QUALITY AIR QUALITY DIVISION

ACTIVITY REPORT: Scheduled Inspection

N805637937

FACILITY: LAKE PAINTING INC		SRN / ID: N8056
LOCATION: 2877 VENTURE DR, MIDLAND		DISTRICT: Saginaw Bay
CITY: MIDLAND		COUNTY: MIDLAND
CONTACT: Jason Jardno , Safety & Env. Director		ACTIVITY DATE: 12/07/2016
STAFF: Sydney Bruestle	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Onsite inspection to verify compliance with PTI 165-08 and all other applicable state and federal air quality regulations		
RESOLVED COMPLAINTS:		

On December 7, 2016 I (Sydney Bruestle) conducted an onsite inspection at Lake Painting Inc. located at 2877 Venture Drive Midland, MI. Lake Painting holds a general coating permit with the state of Michigan (PTI 165-08). I met with Jason Jardno, the Environmental Health and Safety Director at Lake Painting. He was able to give me an overview of the Emission Units (Spray Booths) onsite, a tour of the facility, and provide me with all air emission records required by the PTI.

There are currently 5 Spray booths onsite, they are labeled North South, Middle, East, and West spray booth. The North, Middle and South spray booths are located in the same building. The east and west spray booths were installed in 2008 and are located in the same building. Each spray booth is equipped with dry filters and operates a high efficiency spray gun (high volume low pressure HVLP or airless). The filters appeared to maintained properly and are replaced on a regular basis (every 1-2 weeks depending on production).

The only coating activity I observed while onsite entailed hand staining large wooden boards, there were no spray coating activities. After walking through the spray coating areas we sat down in Mr. Jardno's office to review the records (Copies of the most recent records are attached to the hard file of this report).

Volatile Organic Compound (VOC) emission limits are in place for each booth individually and all the spray booths combined. Each booth has a VOC limit of 10 tons per 12 month rolling time period. The facility tracks the VOC contents of all coatings used in the booths (the product list is attached)

Highlights from the attached records:

North Booth: Through November 2016: 2.31 tons of VOCs per 12 month rolling time period (other months showed similar values)

South Booth: Through November 2016: 1.07 tons of VOCs per 12 month rolling time period (other months showed similar values)

Middle Booth: Through November 2016: 0.94 tons of VOCs per 12 month rolling time period (other months showed similar values)

East Booth: Through November 2016: 1.64 tons of VOCs per 12 month rolling time period (other months showed similar values)

West Booth: Through November 2016: 1.82 tons of VOCs per 12 month rolling time period (other months showed similar values)

The facility also has a 12 month rolling time period VOC limit for all booths combined of 30 tpy. In November 2016 the facility wide 12 month rolling time period VOC emissions were 7.7 tpy which is well under the permit limit. The facility is also tracking Hazardous Air pollutant (HAP) emissions for each booth individually and the facility as a whole.

At the time of my inspection Lake Painting appeared to be in compliance with PTI 165-08 and all other applicable state and federal air