

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Complaint Investigation

N514566693

FACILITY: INDUSTRIAL METAL COATINGS INC		SRN / ID: N5145
LOCATION: 6070 18 MILE RD, STERLING HTS		DISTRICT: Warren
CITY: STERLING HTS		COUNTY: MACOMB
CONTACT: Philip A. Oliver , President		ACTIVITY DATE: 03/16/2023
STAFF: Robert Joseph	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Complaint investigation of the coating facility		
RESOLVED COMPLAINTS: C-23-00904		

On March 16, 2023, Michigan Department of Environment, Great Lakes, and Energy-Air Quality Division (EGLE-AQD) staff Robert Joseph received an odor complaint at approximately 3:20 p.m. on March 16, 2023, via the Pollution Alert System (PEAS), that burnt paint/metal-like nuisance odors were allegedly originating from Industrial Metal Coatings (referred to in this report as "IMC" or "the facility") located at 6070 18 Mile Road, Sterling Heights, Michigan 48314. The facility is bound by the conditions in its Permit to Install (PTI), 25-16, and its Consent Judgement, 21-000095-CE.

I immediately informed AQD staff of the odor complaint received and AQD staff member, Adam Bognar, conducted a complaint investigation of the surrounding area near IMC. Per Adam, he arrived on site at 4:45 p.m. on March 16, 2023. Weather conditions were overcast with winds 10-15 mph from the south/southeast. Adam states he began his investigation in the northeast quadrant at the intersection of Mound Road and 18 Mile Road. The facility is located in the southeast quadrant of the intersection. The following odor intensity scale is employed by the AQD:

- 0 - Non-detect.
- 1 - Just barely detectable.
- 2 - Distinct and definite odor.
- 3 - Distinct and definite objectionable odor.
- 4 - Odor is strong enough to cause a person to attempt to avoid it completely.
- 5 - Odor so strong as to be overpowering and intolerable for any length of time.

Adam began his investigation on foot in the northeast quadrant of the intersection directly downwind of the facility. He began to walk along the sidewalk from the intersection (Mound Road/18 Mile Road) in an easterly direction approximately 0.25 miles. He stated that while off-site from the facility in this area, he began to detect nuisance odors with an odor intensity in his professional judgement ranging from 3 to 4. He indicated he was familiar with this odor given his past experience inside the facility regarding their e-coating process - as well as the odors being consistent with those previously detected in the area that were associated with the facility's operations.

Adam continued his investigation in this area along the sidewalk at this intersection until 5:15 p.m. as the odors continued to persist in this area during the investigation period. It is in Adam's professional judgement that these odors were of sufficient intensity, frequency, and duration and were causing a nuisance to the surrounding community, therefore, a violation notice will be issued to Industrial Metal Coating for nuisance odors emitted into the atmosphere caused by the e-coat process.

Conclusion

Based on the AQD's complaint investigation of the surrounding area downwind of Industrial Metal Coating, a violation notice will be issued to the facility per state of Michigan Air Pollution Control Rule 901. This condition is also enforceable in the facility's PTI 25-16, and paragraph 5.7 of the facility's Consent Judgement 21-000095-CE.

I, Adam Bognar, provided this information to Robert Joseph at 5:20 pm on March 16, 2023 immediately after my investigation. I agree with the contents of this report - AB.

NAME Robert Joseph

DATE 03-20-23

SUPERVISOR Joyce