

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

B561972765

FACILITY: KOREX CORP	SRN / ID: B5619
LOCATION: 50000 PONTIAC TRAIL, WIXOM	DISTRICT: Warren
CITY: WIXOM	COUNTY: OAKLAND
CONTACT:	ACTIVITY DATE: 07/22/2024
STAFF: Jillian Cellini	COMPLIANCE STATUS: Compliance
SUBJECT: On-site complaint investigation for soap-like odors.	SOURCE CLASS: SM OPT OUT
RESOLVED COMPLAINTS: C-24-01429	

On Monday July 22, 2024, I (Jillian Cellini, EGLE-AQD), conducted odor observations near Korex Corporation (SRN B5619) located at 50000 Pontiac Trail, Wixom, Michigan 48393. This odor investigation was in response to one odor complaint allegedly related to facility's operations.

The complaint (C-24-01429) was received by AQD staff on July 19, 2024. The complaint alleges a nuisance odor originating from the facility that caused unspecified health effects for the complainant as result of the odor. EGLE-AQD was not able to contact the complainant for further information. During the time of the complaint, winds were originating from the SW and had a windspeed of ~2.5 mph.

Korex is a detergent manufacturing facility. The facility is subject to Permit to Install (PTI) 539-96.

The following scale was used for odor intensity during odor observations: 0 – Non-Detect

- 1 – Just barely detectable
- 2 – Distinct and definite odor
- 3 – Distinct and definite objectionable odor
- 4 – Odor 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

I arrived at the area around the Korex facility at around 1:41 PM. During the time of the complaint investigation, the weather conditions according to the Apple Weather app are as follows: the wind speed was 6 mph excluding wind gusts, the prevailing wind direction was NE, the temperature was 88°F, and it was cloudy. I checked the Apple Weather app at all locations during the odor investigation and noted the weather conditions were the same.

Between 1:41 PM and 2:08 PM, I conducted odor observations near to and along Pontiac Trail, which was downwind from the facility during the time of observation. I detected between level 1 soap-like odors along Pontiac Trail, within eyeshot of the facility between 1:50 PM and 2:00 PM. The duration of the smell lasted for no longer than 10 seconds at a time, much less than minute timescales. I observed these bursts of level 1 odors were intermittent for at least 5-7 minutes.

Between 2:25 PM and 2:43 PM, I conducted odor observations in a neighborhood located directly upwind of the source at the time of the investigation. I did not detect any odors during this time at this location (level 0).

The odors detected during my investigation were not of the intensity, frequency, or duration to cause an unreasonable interference with the enjoyment of life or property. Additional

complaints or information will be needed for further action. The complainant was contacted by phone and the results of the investigation were explained. This complaint is considered resolved.

NAME Jillian Collins

DATE 7/30/2024

SUPERVISOR K. Kelly