



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
United Gilsonite Laboratories

FROM: Dakota Prentice, Environmental Engineer
AECAB (IL/IN)

THRU: Nathan Frank, Section Supervisor
AECAB (IL/IN)

TO: File

BASIC INFORMATION

Facility Name: United Gilsonite Laboratories (UGL)

Facility Location: 550 Capitol Way, Jacksonville, Illinois

Date of Inspection: June 7, 2022

EPA Inspector(s):

1. Dakota Prentice, Environmental Engineer
2. Emma Leeds, Environmental Engineer

Other Attendees:

1. Scott Knott, Plant Manager
2. Dennis Fernandes, Safety Officer

Contact Email Address: Scott Knott – scott.knott@ugl.com

Purpose of Inspection: To determine compliance with the facility's federally enforceable state operating permit (FESOP) issued by Illinois EPA.

Facility Type: Described by the FESOP as a paint manufacturing facility.

Regulations Central to Inspection: Illinois state implementation plan and FESOP conditions that limit volatile organic compound and hazardous air pollutant emissions to less than major source thresholds.

Arrival Time: 9:30 AM

Departure Time: 10:50 AM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☒ Provided Small Business Resource Information Sheet
- ☐ Small Business Resource Information Sheet not provided. Reason:
- ☒ Provided CBI warning to facility

The following information was obtained verbally from Scott Knott unless otherwise noted.

Company Ownership: UGL was sold to Sika Corporation USA approximately three weeks prior to the date of the inspection.

Process Description:

UGL manufactures various sealants, paints, stains, and polyurethane products. These products may be water, oil, or powder based. The facility has 17 bulk storage tanks. Additionally, lower throughput raw materials, such as resins, are stored in smaller containers including drums. Dry material is stored in bags. Production begins by adding a liquid product recipe to a batch mixer. There are five 1,000-gallon mixers and three 250-gallon mixers. The material is then mixed for a total batch time of 2.5 to 3 hours. The mixers are not heated and remain open while in use. After mixing, the material is tested for quality control, then routed to tanks used to fill final product containers. Final product leaves the facility in containers ranging from five-gallon pails to half-pint cans. The facility has dedicated equipment for the production of one powder product.

Staff Interview: The facility operates from 8 AM – 4:30 PM Monday – Friday with 30 employees. While the facility uses pigments in its products, they are not believed to contain metal hazardous air pollutants. UGL personnel were not aware of any performance tests that have been conducted at the facility and have not received any complaints about operations from the community. A baghouse is used to control particulate emissions at the mixers.

TOUR INFORMATION

EPA Tour of the Facility: Yes

Data Collected and Observations:

EPA walked through the room containing the mixers. Lids were open on the mixers in use and at one mixer containing an oil-based polyurethane product that had finished mixing but had not yet been emptied. EPA also observed the filling of final product into containers and walked through the indoor tank farm.

Photos and/or Videos: were taken during the inspection.

See Appendix A – Photo Log (Contains Confidential Business Information)

See Appendix B – Video Log (Contains Confidential Business Information)

Field Measurements: were not taken during this inspection.**RECORDS REVIEW**

EPA reviewed SDS sheets for material stored at UGL's tank farm. EPA retained copies of these SDS sheets and UGL has identified them as Confidential Business Information.

CLOSING CONFERENCE

☒ Provided U.S. EPA point of contact to the facility

Requested documents:

- Last five years of annual emission reports
- Performance test reports (if any)

DIGITAL SIGNATURES

Report Author: **DAKOTA PRENTICE**  Digitally signed by
DAKOTA PRENTICE
Date: 2022.06.23
14:56:11 -05'00'

Section Supervisor: **Frank, Nathan**  Digitally signed by Frank,
Nathan
Date: 2022.06.28
14:55:23 -05'00'

Facility Name: United Gilsonite Laboratories

Facility Location: 550 Capitol Way, Jacksonville, Illinois

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APPENDICES AND ATTACHMENTS

Appendix A – Digital Image Log (Contains Confidential Business Information)

Appendix B – Digital Video Log (Contains Confidential Business Information)