



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

DATE: See Date of Section Chief Signature Below

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Pure Asphalt Co./ Pure Coatings Group, Chicago, Illinois

FROM: Alexandra Letuchy, Environmental Engineer
AECAB (MI/WI)

THRU: Sarah Marshall, Section Chief
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Pure Asphalt Co./ Pure Coatings Group

Facility Location: 3455 W. 31st Place, Chicago, IL 60623

Date of Inspection: 9/7/21

EPA Inspector(s):

1. Sasha Letuchy, Environmental Engineer
2. Veronica Fischer, Environmental Engineer
3. Brittany Cobb, Environmental Engineer

Other Attendees:

1. Mike Francis, Vice President

Contact Email Address: MikeF@PureAsphalt.com

Purpose of Inspection: Clean Air Act Inspection

Facility Type: Asphalt emulsion, crack fill, and lubricant manufacturer

Regulations Central to Inspection: SIP/Permit Compliance

Arrival Time: 2:00 pm

Departure Time: 3:30 pm

Inspection Type:

- Unannounced Inspection
- Announced Inspection

OPENING CONFERENCE

- Presented Credentials
- Stated authority and purpose of inspection
- Provided Small Business Resource Information Sheet via email
- Small Business Resource Information Sheet not provided.
- Provided CBI warning to facility

The following information was obtained verbally from Mike Francis unless otherwise noted.

Process Description: The facility produces three main products: 1) asphalt emulsions; 2) hot pour crack fill; and 3) lubricants.

Asphalt is delivered to the facility once a week or every two weeks and is pumped from a truck into one of eight (30,000 gallon) asphalt storage tanks. Asphalt is stored at 200 degrees Fahrenheit. Asphalt, water, and soap are combined in a pressured rotor stator to grind up the asphalt and suspend it in water. This emulsified asphalt is pumped to one of two final product storage tanks (20,000 gallon and 15,000 gallon). The asphalt tanks and final product tanks are located outside of the building. Pure Asphalt also operates an asphalt emulsion process across the street at 3300 W. 31st Place. A small dust collector is used at this plant to control for particulate matter.

The hot pour crack fill process is similar to the asphalt emulsion process. Asphalt, water, soap and additional additives are combined in a mixer. The entire process is conducted at a slightly lower temperature.

Staff Interview: It was not clear whether the facility had a construction permit or an operating permit. Mike informed the inspectors that Pure Asphalt is conducting annual emissions calculations for its boiler located at 3300 W. 31st Place.

TOUR INFORMATION

EPA Tour of the Facility: Yes

Data Collected and Observations: EPA toured the facility at 3455 W. 31st Place, including the asphalt emulsion line rotor stator and the hot pour crack fill line mixer. Next, inspectors toured the tank farm.

Photos and/or Videos: were not taken during the inspection.

CLOSING CONFERENCE

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

DIGITAL SIGNATURES

Report Author: **ALEXANDR A LETUCHY** Digitally signed by
ALEXANDRA LETUCHY
Date: 2021.09.21
15:44:09 -05'00'

Section Chief: **SARAH MARSHALL** Digitally signed by
SARAH MARSHALL
Date: 2021.09.21
11:22:01 -05'00'
