



## REGION 5

CHICAGO, IL 60604

### **MEMORANDUM**

**SUBJECT:** CLEAN AIR ACT INSPECTION REPORT  
Diageo North America, Inc., Plainfield, Illinois

**FROM:** Aileen Drum, Physical Scientist  
AECAB (IL/IN)

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

**TO:** File

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### **BASIC INFORMATION**

**Facility Name:** Diageo North America, Inc.

**Facility Location:** 24440 West 143 Street, Plainfield, Illinois 60544

**Date of Inspection:** May 19, 2025

**EPA Inspector(s):**

1. Aileen Drum, Physical Scientist
2. Giles Chickering, Physical Scientist

**Other Attendees:**

1. Veronica Wiese, Governance Director, Diageo North America, Inc.
2. Samuel Ojelade, Occupational Health and Safety Director, Diageo North America, Inc.
3. Brian Kelly, Processing Manager, Diageo North America, Inc. (present for part of the opening conference and the tour only)
4. Andrew Jarrick, Environmental Director of Health, Safety, and Sustainability, Diageo North America, Inc. (joined midway through the opening conference)

**Contact Email Address:** [veronica.wiese@diageo.com](mailto:veronica.wiese@diageo.com), [Samuel.ojelade@diageo.com](mailto:Samuel.ojelade@diageo.com),  
[jonathan.snider@diageo.com](mailto:jonathan.snider@diageo.com)

**Purpose of Inspection:** To assess compliance with the Clean Air Act

**Facility Name:** Diageo North America, Inc.  
**Facility Location:** 24440 West 143 Street, Plainfield, Illinois 60544  
**Date of Inspection:** May 19, 2025

**Facility Type:** Alcoholic Beverage Bottling Facility

**Regulations Central to Inspection:** The facility's Federally Enforceable State Operating Permit (FESOP) no. 73032482 issued August 15, 2023, and the Illinois State Implementation Plan (SIP)

**Arrival Time:** 10:30 AM

**Departure Time:** 12:30 PM

**Inspection Type:**

- ☒ Unannounced Inspection  
☐ Announced Inspection

**OPENING CONFERENCE**

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

Was any information collected during the inspection claimed as CBI?

☐ Yes ☒ No.

The following information was obtained verbally from Veronica Wiese, Samuel Ojelade, Brian Kelly, and Andrew Jarrick unless otherwise noted.

**Process Description:**

Diageo North America, Inc. ("Diageo") manufactures ready to drink spirits, malt beverages, and cocktails. Raw materials consist largely of flavorings and high proof spirits that are received by truck and by rail. Spirits are diluted in batch tanks, mixed with flavorings, and filtered when necessary. Sometimes carbon dioxide is added for carbonation. Each recipe is brought to final proof in bottling tanks and then undergoes a quality assurance check before the approved mixture is pumped to one of ten bottling lines. The final product is bottled, sealed, palletized, shrink wrapped, and then departs for a distribution center by truck.

**Staff Interview:** The facility employs 550 employees and operates 24/7 in 4 shifts. The facility has 49 outdoor tanks that hold volumes between 30,000 gallons to 250 gallons. Liquid is pumped from outdoor tanks via transfer lines to indoor tanks. Six of the bulk tanks were added in the last several years. Indoors 8 batch tanks feed 27 bottling tanks. The building is equipped with a ventilation system and LEL monitors. There are no air pollution controls at the facility. All tanks are vented externally. No spirits are aged on premises.

During the interview staff was uncertain which refrigerants were used on site, as the environmental manager, Jonathan Snider, was away on leave at the time of EPA's visit. Staff stated they thought they may use ammonia and nitrogen and mentioned there is a glycol chiller station located near the

filtration system. In a follow up email after EPA's inspection Jonathan Snider stated "Our refrigerant systems are closed loops so there are no emissions or throughputs unless a leak occurs. We have not had this situation since 2023." He also provided SDSs for Halocarbon 22 (Chlorodifluoromethane) and Halocarbon 134a (1,1,1,2-Tetrafluoroethane).

#### **TOUR INFORMATION**

**EPA Toured the Facility:** Yes

#### **Data Collected and Observations:**

At the time of EPA's inspection some of the bottling lines were down due to mechanical issues. EPA toured the material storage and bottling areas inside of the facility and then toured the outdoor tanks. A Forward Looking Infrared (FLIR) camera was used to visualize emissions from the outdoor tanks and one video was recorded, as listed in appendix A.

EPA did not tour the south building, located at 1420 Coil Plus Drive. Staff stated that part of the facility does not produce any spirits and the main process undertaken in that building is beer canning.

**Photos and/or Videos:** were taken during the inspection and are listed in Appendix A.

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

#### **CLOSING CONFERENCE**

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

#### **Requested documents:**

- SDS/ MSDS for all VOC/HAP containing raw materials and cleaning agents from January 1, 2024 – Present
  - For flavorings only include your top 10 most used flavors if the recipes are similar in composition
- Emissions calculations in an unlocked excel compatible format that includes all equations, assumptions, and raw material throughput data from January 1, 2024- Present
  - For all emission factors used please cite the source of the emission factor
- Throughput and SDSs for all refrigerants used from January 1, 2024- Present
- Throughput of ammonia and quantity of ammonia stored on site from January 1, 2024 – Present
- Tank reports that include tank maps and identify tank contents for all outdoor storage tanks from January 2025- present

**Facility Name:** Diageo North America, Inc.  
**Facility Location:** 24440 West 143 Street, Plainfield, Illinois 60544  
**Date of Inspection:** May 19, 2025

**DIGITAL SIGNATURES**

Report Author: **AILEEN DRUM**  
Digitally signed by AILEEN DRUM  
Date: 2025.07.01 10:26:44 -05'00'

Section Supervisor: **Frank, Nathan**  
Digitally signed by Frank, Nathan  
Date: 2025.07.03 15:54:38 -05'00'

**APPENDICES**

1. Appendix A: Digital Image Log and Digital Video Log

**APPENDIX A: DIGITAL VIDEO LOG**

**Inspector Name:** Aileen Drum      **Archival Record Location:** AECAB Library > Enf\_Diageo\_IL\_25 > Inspection

| Video Number | File Name    | Date and Time (CDT) | Description                 |
|--------------|--------------|---------------------|-----------------------------|
| 1            | FLIR0460.mp4 | 5/19/25<br>12:08 PM | FLIR video of outdoor tanks |