



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

**DATE:** OCT 25 2018  
**SUBJECT:** CLEAN AIR ACT INSPECTION REPORT  
Zenith Energy Terminals, Cleveland, Ohio  
**FROM:** Luke Hullinger, Environmental Engineer  
AECAB (MI/WI)  
**THRU:** Sarah Marshall, Section Chief  
AECAB (MI/WI)  
**TO:** File

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**BASIC INFORMATION**

**Facility Name:** Zenith Energy Terminals

**Facility Location:** 250 Mahoning Ave, Cleveland, Ohio

**Date of Inspection:** 8/29/2018

**EPA Inspector(s):**

1. Luke Hullinger, Environmental Engineer
2. Kenneth Ruffatto, Environmental Engineer

**Other Attendees**

1. Tom Gaal, Terminal Manager, Zenith Energy Terminals

**Contact Email Address:** tom.gaal@zenithterminals.com

**Purpose of Inspection:** Tanks inspection

**Facility Type:** Bulk Storage Terminal

**Regulations Central to Inspection:** 40 C.F.R. Part 60 Subpart Kb and 40 C.F.R. Part 63 Subpart BBBBBB

**Arrival Time:** 9:00 AM

**Departure Time:** 10:45 AM

**Inspection Type:**

- ☒ Unannounced Inspection  
☐ Announced Inspection

**OPENING CONFERENCE**

- ☒ Credentials Presented  
☒ CBI warning to facility provided

The following information was obtained verbally from Tom Gaal unless otherwise noted.

**Process Description:**

Zenith Energy is a storage terminal in Cleveland, Ohio. Zenith Energy stores petroleum products that are loaded and unloaded by truck and barge. All the bulk storage tanks have capacities over 10,000 bbls, and either have fixed rooves or internal floating roofs. Petroleum products stored at the facility include ultra-low sulfur diesel, glycerin, methanol, bio feed stock, and transmix.

**Staff Interview:** Some of the tanks including the methanol tank at the facility are leased to another company.

**TOUR INFORMATION**

**EPA toured the facility:** Yes

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

FLIR camera videos – Appendix A

Rim vents on bulk storage tanks were found leaking. A conservation vent was also found leaking on the methanol tank.

**RECORDS REVIEW**

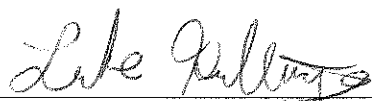
1. Facility map – copy received
2. Zenith Energy Cleveland Tank Database – copy received

**CLOSING CONFERENCE**

**Concerns:** EPA noted the numerous leaking rim vents at the facility.

**SIGNATURES**

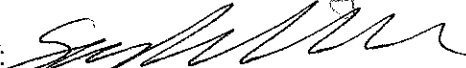
Report Author:



Date:

10/22/18

Section Chief:



Date:

10/25/18

**Facility Name:** Zenith Energy Terminals  
**Facility Location:** 250 Mahoning Ave, Cleveland, Ohio  
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**APPENDICES AND ATTACHMENTS**

1. Appendix A – Video log



**Facility Name:** Zenith Energy Terminals  
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**APPENDIX A: DIGITAL IMAGE LOG**

|                                                             |                                                                                                                                   |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Inspector Name:</b><br>Luke Hullinger                 | <b>2. Date(s) of Inspection:</b><br>8/29/2018                                                                                     |
| <b>3. Company/Facility Name:</b><br>Zenith Energy Terminals | <b>4. Street Address, City, State:</b><br>250 Mahoning Ave, Cleveland, Ohio                                                       |
| <b>5. Number of Images:</b><br>13                           | <b>6. Archival Record Location:</b><br>C:\Users\Lhulling\OneDrive - Environmental Protection Agency (EPA)\Zenith Energy Terminals |

| Image Number | File Name    | Description of Image          |
|--------------|--------------|-------------------------------|
| 1            | MOV_2010.mp4 | Leaking rim vent on Tank 7    |
| 2            | MOV_2042.mp4 | Leaking rim vent on Tank 7    |
| 3            | MOV_2011.mp4 | Leaking rim vent on Tank 3    |
| 4            | MOV_2012.mp4 | Leaking rim vent on Tank 122  |
| 5            | MOV_2013.mp4 | Leaking rim vent on Tank 122  |
| 6            | MOV_2014.mp4 | Leaking rim vent on Tank 122  |
| 7            | MOV_2015.mp4 | Leaking rim vent on Tank 121  |
| 8            | MOV_2016.mp4 | Leaking rim vent on Tank 120  |
| 9            | MOV_2017.mp4 | Leaking rim vent on Tank 120  |
| 10           | MOV_2019.mp4 | Leaking rim vent on Tank 125  |
| 11           | MOV_2043.mp4 | Leaking rim vent on Tank 125  |
| 12           | MOV_2020.mp4 | Leaking rim vent on Tank 124  |
| 13           | MOV_2021.mp4 | Leaking conservation vent 190 |

