



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

DATE: MAY 20 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
North American Stevedoring Company, Chicago, Illinois

FROM: Patrick Miller, Environmental Engineer
AECAB (MN/OH)

THRU: Brian Dickens, Section Chief
AECAB (MN/OH)

TO: File

BASIC INFORMATION

Facility Name: North American Stevedoring Company (NASCO)

Facility Location: 3901 South Kreiter Ave, Chicago, Illinois

Date of Inspection: April 02, 2019

EPA Inspector(s):

1. Patrick Miller, Environmental Engineer

Other Attendees

1. Rudy Becerra, Safety and Compliance Manager, NASCO
2. Emmanuel Adesanya, Environmental Engineer, Chicago Department of Public Health

Contact Email Address: rudy.becerra@qsl.com

Purpose of Inspection: Verify the installation of ambient air monitors at NASCO

Facility Type: Bulk-manganese handling facility

Regulations Central to Inspection: Illinois State Implementation Plan and the Clean Air Act

Arrival Time: 9:11 AM

Departure Time: 10:00 AM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Mr. Becerra unless otherwise noted.

Process Description:

NASCO processes several different kinds of bulk-solid materials including manganese ferroalloys. Bulk solid silicomanganese and ferromanganese arrive approximately four times a year by ship, with occasional deliveries via truck. Bulk-manganese is stored in a warehouse on-site. Bulk-manganese materials are mainly shipped to customers in trucks.

NASCO installed ambient air monitors throughout the facility. A Federal Reference Method (FRM) monitor for respirable particulate matter (PM₁₀) and metals, including manganese, was installed and is operating. There are four Federal Equivalent Method (FEM) monitors for PM₁₀. The FRM monitor is co-located with one of the FEM monitors. NASCO also installed a meteorological station that measures wind speed and wind direction.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations:

Each monitoring location was visited. Photos are attached in Appendix A. There was no truck loadout taking place during the inspection. A water truck was wetting the paved road ways.

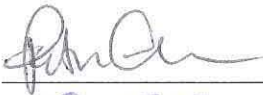
Photos and/or Videos: were taken during the inspection.

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

Compliance Assistance: Mr. Becerra explained that all managers have computer access to the FEM PM₁₀ monitoring data and the meteorological data. EPA explained that it is helpful to have a notification system to all managers when PM₁₀ concentrations are elevated and there are high wind events. A notification system would allow for managers to then make operational changes to minimize fugitive emissions during those time frames.

SIGNATURES

Report Author:  Date: 5/17/19

Section Chief:  Date: 5/20/19

Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019

APPENDICES AND ATTACHMENTS

I. Appendix 1- Digital Image Log

Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Patrick Miller	2. Date(s) of Inspection: April 02, 2019
3. Company/Facility Name: North American Stevedoring Company	4. Street Address, City, State: 3901 South Kreiter Ave, Chicago, Illinois
5. Number of Images: 6	6. Archival Record Location: CD-R labeled NASCO Inspection 04/02/2019

Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019



1: IMG_0001.JPG

Location: North American Stevedoring Company
Photographer: Patrick Miller
Date/Time: 4/2/2019 9:19 AM
Camera Direction: Northwest
Description: Co-located air monitors at Location 3. FRM monitor (right) and FEM continuous monitor (left)

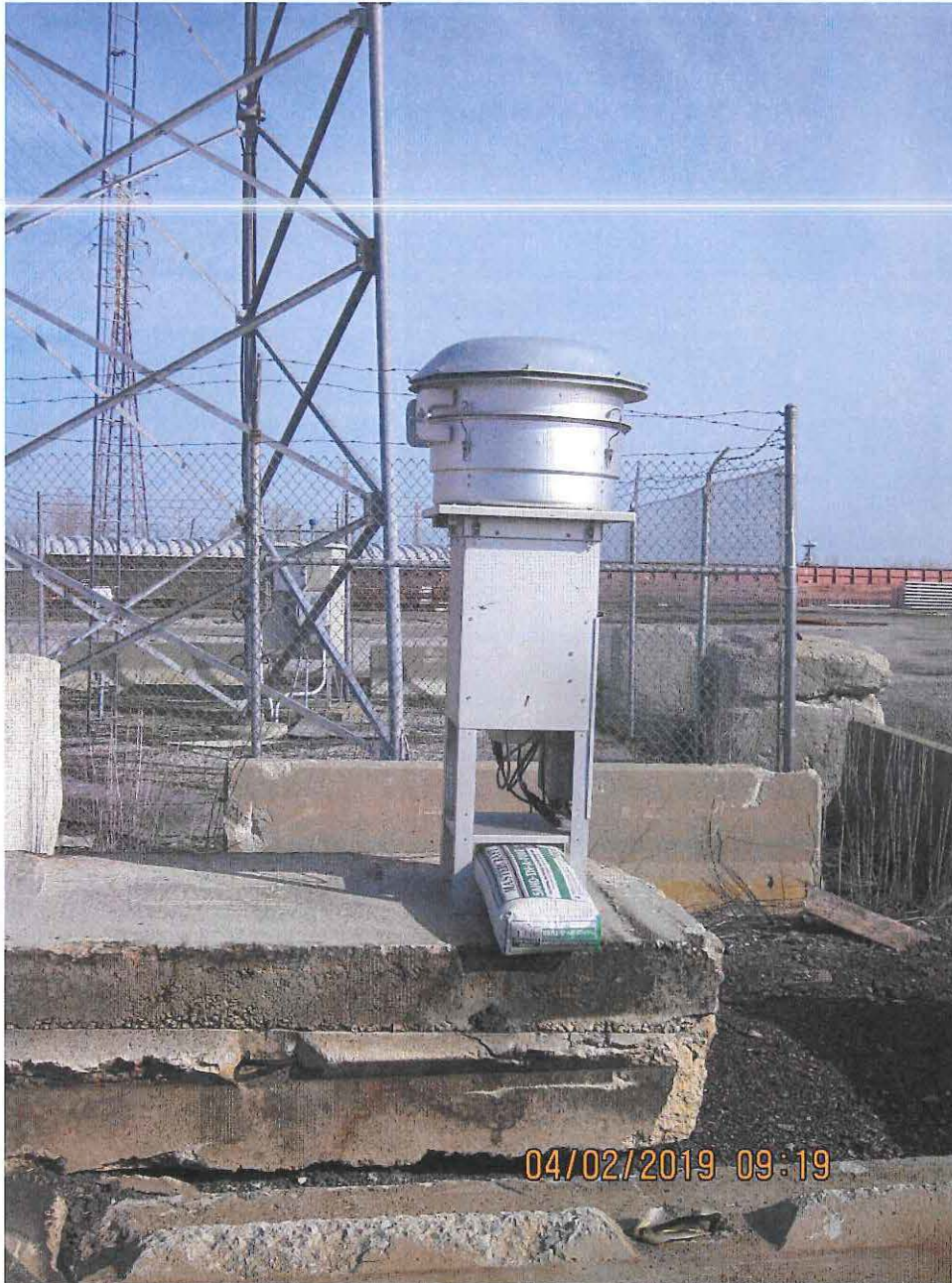
Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019



2: IMG_0002.JPG

Location: North American Stevedoring Company
Photographer: Patrick Miller
Date/Time: 4/2/2019 9:19 AM
Camera Direction: Northwest
Description: FEM continuous monitor at Location 3

Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019



3: IMG_0003.JPG

Location: North American Stevedoring Company
Photographer: Patrick Miller
Date/Time: 4/2/2019 9:19 AM
Camera Direction: Northwest
Description: FRM monitor at Location 3

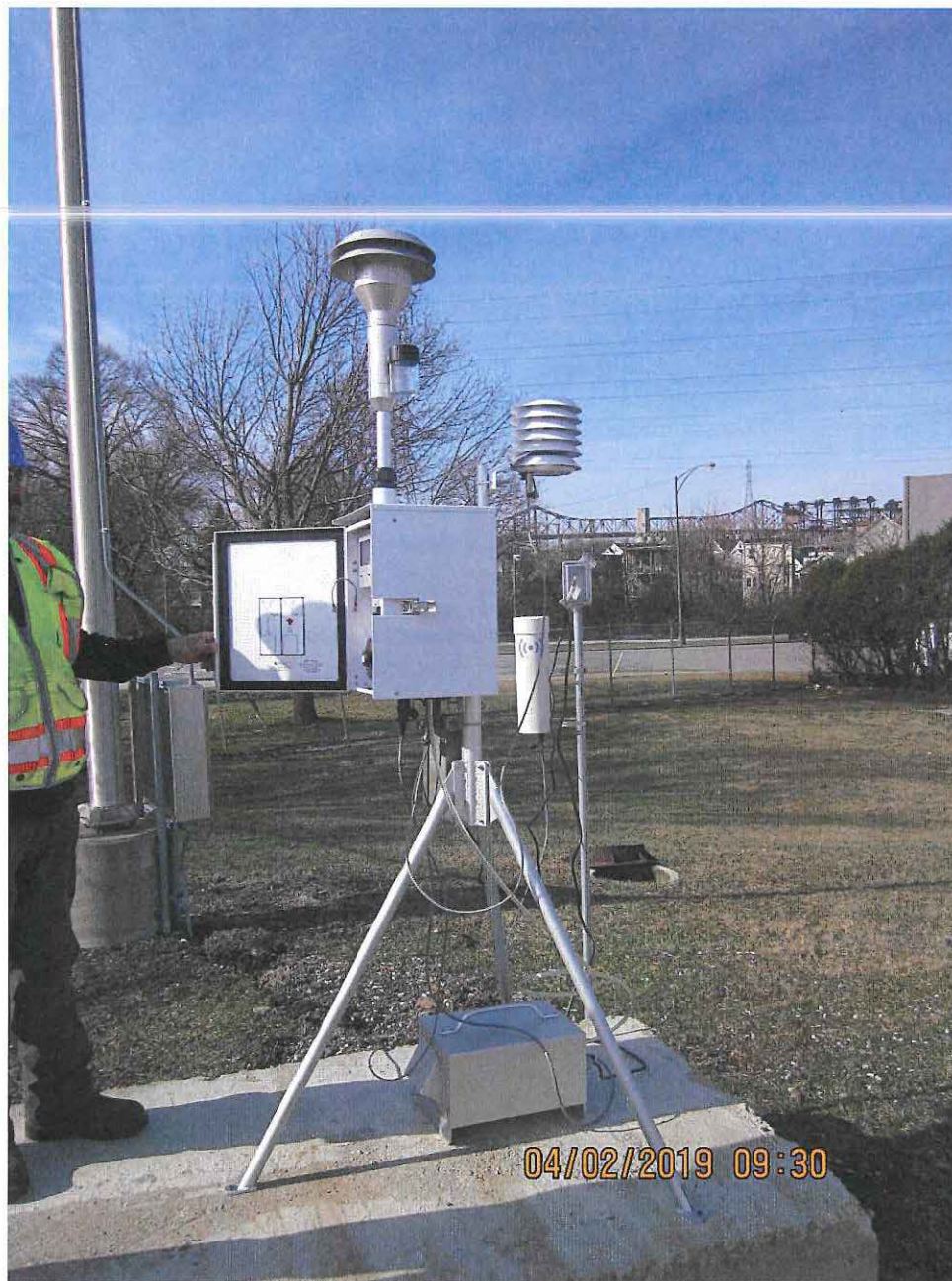
Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019



4: IMG_0004.JPG

Location: North American Stevedoring Company
Photographer: Patrick Miller
Date/Time: 4/2/2019 9:22 AM
Camera Direction: Northeast
Description: FEM continuous monitor at Location 1

Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019



5: IMG_0005.JPG

Location: North American Stevedoring Company
Photographer: Patrick Miller
Date/Time: 4/2/2019 9:30 AM
Camera Direction: Southeast
Description: FEM continuous monitor at Location 2

Facility Name: North American Stevedoring Company
Facility Location: 3901 South Kreiter Ave, Chicago, Illinois
Date of Inspection: April 02, 2019



6: IMG_0006.JPG

Location: North American Stevedoring Company
Photographer: Patrick Miller
Date/Time: 4/2/2019 9:35 AM
Camera Direction: Northeast
Description: Meteorological station

