

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

DATE: MAR 21 2016

SUBJECT: CLEAN AIR ACT INSPECTION REPORT  
Kinder Morgan Arrow Terminal, Chicago, Illinois

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

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

TO: File

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**BASIC INFORMATION**

**Facility Name:** Kinder Morgan Arrow Terminal

**Facility Location:** 2926 East 126th Street, Chicago, Illinois, 60633

**Date of Inspection:** July 9, 2015

**Lead Inspector:** Alexandra Letuchy, Environmental Engineer

**Other Attendees:**

1. Patrick Miller, EPA, Environmental Engineer
2. Jeff Wilson, Kinder Morgan Arrow Terminal, Plant Superintendent
3. Terry Jagielle, Kinder Morgan Arrow Terminal, EHS
4. Steven Caudle, Kinder Morgan Arrow Terminal, Terminal Manager

**Facility Contact:**

Steven Caudle,  
Terminal Manager  
[Steven\\_Caudle@kindermorgan.com](mailto:Steven_Caudle@kindermorgan.com)  
773-646-8000

**Purpose of Inspection:** Uncaptured emissions observations, part of south east Chicago community initiative

**Facility Type:** Bulk solid material handling terminal.

**Regulations Central to Inspection: Illinois SIP**

**Arrival Time:** 11:45 am

**Departure Time:** 1:30 pm

**Inspection Type:**

- Unannounced Inspection
- Announced Inspection

**OPENING CONFERENCE**

- Credentials Presented
- CBI warning to facility provided

The following information was obtained verbally from Mr. Wilson and Mr. Caudle.

**Process Description:**

Kinder Morgan is a bulk solid material handling terminal. It provides storage services, as well screening and sizing services. The bulk solid materials can be received and shipped either via truck, rail, and barge. The types of bulk solid materials Kinder Morgan receives, processes, and ships include, ferro alloys, pig iron, and finished steel products. The majority of the material handled are ferro alloys which are received primarily via barge and shipped via truck.

A portion of materials are stored outside in piles and a portion are stored indoors. Materials stored indoors can be loading into trucks within the building.

**Staff Interview:**

Kinder Morgan staff told EPA that a dust collector will be installed by the end of September to control emissions from the truck loading area within the storage building. Currently, the facility keeps the overhead doors open during truck loading. Once the dust collector is installed, the overhead doors will be closed during loading.

**TOUR INFORMATION**

**EPA toured the facility:** Yes

**Data Collected and Observations:**

EPA observed truck loading operations of a slag type material within the storage building. Overhead doors remained open during this operation. EPA observed emissions leaving the building when the recently loaded truck exited the building. EPA observed several loads being transferred into a second truck. No emissions leaving the building were observed following the first load. Following the second load, EPA observed emissions leaving the building. Due to the short durations of emissions, Method 9 opacity observations were not performed.

**CLOSING CONFERENCE**

**Requested documents:**

- Fugitive dust plan, submitted with the variance
- Prior version of fugitive dust plan

**SIGNATURES**

Lead Inspector: A. Lettichmy Date: 3/21/16

Section Chief: Samuel P. [Signature] Date: 3/21/16

**Facility Name:** AMG Vanadium

**Facility Location:** 60790 Southgate Road, Cambridge, Ohio 43725

**Date of Inspection:** December 14, 2015