



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

DATE: AUG 23 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Reserve Marine Terminals, Chicago, Illinois

FROM: Vicky Mei, Environmental Engineer
AECAB (IL/IN)

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

TO: File

BASIC INFORMATION

Facility Name: Reserve Marine Terminals

Facility Location: 11600 South Burley Avenue, Chicago, Illinois

Date of Inspection: June 27, 2019

EPA Inspector(s):

1. Vicky Mei, Environmental Engineer
2. Sarah Clark, Environmental Engineer

Other Attendees

1. Hal C. Tolin, Co-Chief Operating Officer, Reserve Management Group
2. Daniel Echavarria, Safety Coordinator, Reserve Management Group
3. Dennis Stropko, Health, Safety, and Environmental Manager, Reserve Management Group
4. Jeff Sullivan, Operations Manager, Reserve Management Group

Contact Email Address: haltolin@reserve-group.com

Purpose of Inspection: General Clean Air Act Inspection

Facility Type: Scrap yard

Arrival Time: 11:25 AM

Departure Time: 12:30 PM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Mr. Tolin, Mr. Echavarria, and Mr. Sullivan unless otherwise noted.

Company Ownership:

Reserve Marine Terminals is affiliated with Reserve Management Group and shares common ownership with the neighboring facilities of Napuck Salvage, Regency Technologies, and South Shore Recycling, all of which are located at 11600 South Burley Avenue.

Process Description:

The facility's scrap metal handling operation is located outside. Scrap metal received by the facility is off-loaded outside, stored, processed, and redistributed. Scrap includes ferrous and nonferrous materials. Processing that occurs includes breaking the metals with a hydraulic hammer, ball drop, disc grinder, shearing, and torch cutting. The facility roads are watered to control dust.

Staff Interview:

According to the facility staff, the facility does not have and may not need an air permit, per the facility's discussion with Illinois EPA.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations:

EPA toured the facility by motor vehicle. EPA observed the breaking of iron with an impact hammer (photo 1) and crane magnets sorting scrap; EPA noted that both of these activities produced some dust which dissipated quickly. EPA also observed what appeared to be fugitive dust from the aggregate piles across the river. The piles were too far away for EPA to clearly photograph, however, and EPA could not distinguish whether the dust crossed that facility's property line (photos 2-4). Additionally, EPA observed a dust plume south of Reserve Marine Terminals; the plume appeared to originate from the road between South Shore Recycling and Napuck Salvage and was potentially caused by vehicle traffic. On the way out of Reserve Marine Terminals, EPA observed that some dust was generated from vehicles driving on the roads (photos 5-6).

During the tour, the facility staff informed EPA of a rubber tire fire that occurred on September 14, 2018 at the Ozinga facility across the river. They also informed EPA that a Regency Technologies experienced a fire in May of 2018.

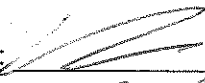
Photos and/or Videos: were taken during the inspection.

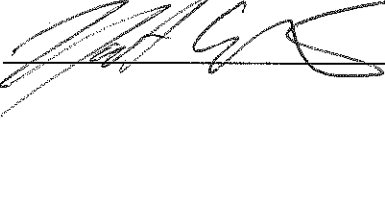
Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

Requested documents: Water logs from water trucks

SIGNATURES

Report Author:  Date: 8/19/2019

Section Chief:  Date: 8/23/19

Facility Name: Reserve Marine Terminals

Facility Location: 11600 South Burley Avenue, Chicago, Illinois

Date of Inspection: June 27, 2019

APPENDICES AND ATTACHMENTS

1. Appendix A: Digital Image Log

Facility Name: Reserve Marine Terminals

Facility Location: 11600 South Burley Avenue, Chicago, Illinois

Date of Inspection: June 27, 2019

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Sarah Clark	2. Date(s) of Inspection: June 27, 2019
3. Company/Facility Name: Reserve Marine Terminals	4. Street Address, City, State: 11600 South Burley Avenue, Chicago, Illinois
5. Number of Images: 6	6. Archival Record Location: CD-R Labeled, "Reserve Management Group, Chicago, IL Inspection Photos, June 27, 2019"

Image Number	File Name	Date and Time (CDT)	Description of Image
1	P6270022.JPG	2019:06:27 11:31:19	Impact hammer breaking metal; iron piles with some dust.
2	P6270023.JPG	2019:06:27 11:42:06	Fugitive dust across the river.
3	P6270024.JPG	2019:06:27 11:42:22	Fugitive dust across the river.
4	P6270025.JPG	2019:06:27 11:42:28	Fugitive dust across the river.
5	P6270026.JPG	2019:06:27 11:49:09	Dust from driver.
6	P6270027.JPG	2019:06:27 11:49:12	Dust from driver.