

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Ashtabula Iron and Metal Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #5
Progress
Ashtabula Iron and Metal Site
C5R2
Ashtabula, OH
Latitude: 41.8739139 Longitude: -80.7985901

To:
From: Elizabeth Nightingale, OSC
Date: 3/10/2014
Reporting Period: 3/3/14-3/7/14

1. Introduction

1.1 Background

Site Number: C5R2	Contract Number:
D.O. Number:	Action Memo Date: 9/25/2013
Response Authority: CERCLA	Response Type: Time-Critical
Response Lead: EPA	Incident Category: Removal Action
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 12/2/2013	Start Date: 12/3/2013
Demob Date:	Completion Date:
CERCLIS ID: OHN000510892	RCRIS ID: OHR000042911
ERNS No.:	State Notification: Yes
FPN#:	Reimbursable Account #:

1.1.1 Incident Category

Time critical removal action.

1.1.2 Site Description

Please see initial POLREP.

1.1.2.1 Location

The site is located at 1015 West 30th Street, Ashtabula, Ashtabula County, Ohio. The location coordinates are latitude 41.874396 ° and longitude - 80.798477 °. The site is bounded by mixed industrial and residential neighborhoods in all directions.

1.1.2.2 Description of Threat

Please see initial POLREP.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Please see initial POLREP.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Hazardous substances and materials had been previously documented (or were discovered upon arrival for the removal) in and around the following locations on site:

- Main Office Building
- Maintenance Building
- Former Railroad Roundhouse
- Wooden Outbuilding
- Aluminium Outbuilding
- Wooden Office Building / Lab Area

Additionally, numerous containers were located outside throughout the site. Several torn bags labeled asbestos were identified in one central waste pile. The radium source, and one extensive pile of metal shavings that contained hazardous substances and had a history of spontaneous combustion were also addressed through this action.

2.1.2 Response Actions to Date

Week's Activities Overview

Over the week beginning March 3rd, 2014 the following activities were completed:

- Continued to arrange for disposal of staged wastes
- Completed overpacking of small containers for disposal
- Shipped staged containers off site for proper disposal. 57 overpacked 85 gal drums shipped offsite on 3/4/14. 45 overpacked 85 gal drums shipped offsite on 3/4/14.
- Completed shipping of metal shavings pile complex that contained hazardous substances and had history of spontaneous combustion offsite for proper disposal
- Shipped staged hazardous waste recovered from onsite rolloff offsite for proper disposal
- Excavated asbestos from area of known concentrations, and shipped it for proper disposal
- Decommissioned remaining cylinders (13 total)
- Radium source was removed by EPA Health Physicist on 3/3/14.
- Investigated and identified leaking underground tank next to wooden outbuilding.
- Investigated contaminated soil that is below former metal shavings piles. Soil appears to be heavily stained with waste oil with a strong odor.

Update by geographic area:

Below is an update on the status of action for each of the focus areas on site. A map with building names and locations is available in the documents section of the website.

Uncleared buildings:

None

Fully Cleared Buildings (all containers of hazardous substances have been removed from these buildings):

- Main Office Building
- Wooden Outbuilding
- Aluminium Outbuilding
- Wooden Office Building / Lab Area
- Utility Building on southern property
- Former Railroad Roundhouse
- Maintenance Building

Outside Areas Addressed:

- Bags labeled asbestos - Removed the week of 3/3/14.
- Metal shavings pile complex - Completed shipping of metal shavings piles that contained hazardous substances and had a history of spontaneous combustion offsite for proper disposal on 3/4/14.
- Small containers and drums outside throughout site - shipped for disposal during the week of 3/3/14.
- Rolloff with hazardous constituents - emptied into shippable rolloffs. Shipped offsite for disposal on 3/3/14 and 3/5/14..
- Large ground transformer - removed by First Energy
- Pole mounted transformers - removed by First Energy

Outside areas not yet fully addressed:

- Stained soil below former metal shavings pile - sampled; results indicate soil contains hazardous substances and elevated levels of total petroleum hydrocarbons. Because this soil is now exposed and sits next to a storm drain that flows directly to the Ashtabula river, we plan to remove this waste oil contaminated soil will be removed and replaced with clean fill.
- Buried underground storage tank next to the wooden outbuilding. Tank was discovered this week. It appears that the tank has leaked into the surrounding soil, and may have originally been used to heat the nearby building. Because waste oil contaminated soil also sit next to a storm drain that flows directly to the Ashtabula river, we plan to remove it and replace it with clean fill.

Air Monitoring and Sampling:

Air monitoring began on 12/2/13, and will be conducted every day work is ongoing on site. During the week of 3/3/13, no exceedances of any site action levels were detected.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

General notice and 104(e) letters were issued to multiple potentially responsible parties in September 2013. Investigation is ongoing.

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Disposal	Reuse
Asbestos containing material	Solid	1 ton	54606	x	
Waste Metal Shavings	Solid	1 load	319002	x	
Waste Metal Shavings	Solid	1 load	319003	x	
Waste Metal Shavings	Solid	1 load	319004	x	
Waste Metal Shavings	Solid	1 load	319005	x	
Waste Metal Shavings	Solid	1 load	319006	x	
Waste Metal Shavings	Solid	1 load	319007	x	
Waste Metal Shavings	Solid	1 load	319008	x	
Waste Metal Shavings	Solid	1 load	319009	x	

Waste Metal Shavings	Solid	1 load	319010	x	
Waste Metal Shavings	Solid	1 load	319011	x	
Waste Metal Shavings	Solid	1 load	319012	x	
Waste Metal Shavings	Solid	1 load	319013	x	
Waste Metal Shavings	Solid	1 load	319014	x	
Waste Metal Shavings	Solid	1 load	319015	x	
Non Hazardous Debris	Solid	1 load	319027	x	
Non Hazardous Debris	Solid	1 load	319028	x	
Non Hazardous Debris	Solid	1 load	319029	x	
Non Hazardous Debris	Solid	1 load	319033	x	
Non Hazardous Debris	Solid	1 load	319034	x	
Hazardous Debris	Solid	1 - 20 cyd roll off	12735410 JJK	x	
Hazardous Debris	Solid	1 - 20 cyd roll off	12735411 JJK	x	
Hazardous Waste Liquid	Liquid	4050 pounds	12735475 JJK	x	
Waste Oil, Non Hazardous	Liquid	9450 pounds	12735475 JJK	x	
Waste Inorganic Solid, Non Hazardous	Solid	900 pounds	12735475 JJK	x	
Waste Grease, Non Hazardous	Liquid	450 pounds	12735475 JJK	x	
Liquid Labpack, Non Hazardous	Liquid	7200 pounds	12735475 JJK	x	
Waste Organic Liquid, Non Hazardous	Liquid	450 pounds	12735475 JJK	x	
Waste Flammable Liquid (Gasoline)	Liquid	2250 pounds	12735475 JJK	x	
Broken Glass, Non Hazardous	Solid	450 pounds	12735475 JJK	x	
Hazardous Waste Solid (Mercury Contaminated Glass)	Solid	450 pounds	12735475 JJK	x	
Waste Inorganic Liquid, Non Hazardous	Liquid	2250 pounds	12735476 JJK	x	
Hazardous Waste Liquid	Liquid	5400 pounds	12735476 JJK	x	
Waste Corrosive Liquid, Acidic, Inorganic (Chromic Acid)	Liquid	450 pounds	12735476 JJK	x	
Hydrochloric Acid	Liquid	400 pounds	12735476 JJK	x	
Waste Nitric Acid	Liquid	50 pounds	12735476 JJK	x	
Waste Acetic Acid	Liquid	25 pounds	12735476 JJK	x	
Formic Acid	Liquid	25 pounds	12735476 JJK	x	
Waste Hydrofluoric Acid	Liquid	25 pounds	12735476 JJK	x	
Aerosols Flammable	Gas	3600 pounds	12735476 JJK	x	
Paint Related Material	Liquid	4050 pounds	12735476 JJK	x	
Waste Flammable Liquid (Methanol)	Liquid	450 pounds	12735476 JJK	x	
Waste Solid Labpack, Non Hazardous	Solid	900 pounds	12735476 JJK	x	
Waste Latex Paint, Non Hazardous	Liquid	450 pounds	12735476 JJK	x	
Waste Flammable Liquids (Wood Stain)	Liquid	25 pounds	12735476 JJK	x	
Pole Mounted Transformers	Liquid	6		x	
Recyclables	Solid	4 large boxes			x
Large Ground Transformer	Liquid	1		x	

2.2 Planning Section

2.2.1 Anticipated Activities

Planned removal activities on-site included:

- a) Developing and implementing a site-specific Health and Safety Plan, including an Air Monitoring Plan, and a site Emergency Contingency Plan;
- b) Developing and implementing a Site Work Plan that includes a Site Security Plan;
- c) Securing, characterizing, and sampling known and suspected hazardous substances, contained or uncontained, at the site;
- d) Consolidating and packaging hazardous substances, pollutants and contaminants for transportation and off-site disposal;
- e) Decontaminating contaminated structures as necessary;
- f) Transporting and disposing of all characterized or identified hazardous substances, pollutants, wastes, or contaminants that pose a substantial threat of release (except NORM) at a Resource Conservation and Recovery Act/CERCLA-approved disposal facility in accordance with EPA's Off-site Rule (40 C.F.R. § 300.440), as applicable;
- g) Removing and reusing or disposing of NORM in accordance with CERCLA and with all applicable state regulations; and

- h) Taking any other response actions to address any release or threatened release of a hazardous substance, pollutant and contaminant that the U.S. EPA OSC determines may pose an imminent and substantial endangerment to the public health or the environment.

Additional planned site activities, if needed, included security, perimeter air monitoring, and decontamination on the site, as needed to complete the removal action.

2.2.1.1 Planned Response Activities

Please see above.

2.2.1.2 Next Steps

EPA demobilized from the site on 3/7/14. Over the next several weeks, while off-site, we will evaluate options to address the underground storage tank next to the wooden outbuilding; and evaluate options to address the contaminated soil that was found under the piles of metal shavings that we removed.

Keys to the buildings and the gate have been left with the Ashtabula Fire Chief, and OEPA in case of emergency.

2.2.2 Issues

None.

2.3 Logistics Section

ERRS is managing logistics.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC is serving in this role.

2.5.2 Liaison Officer

OSC is serving in this role.

2.5.3 Information Officer

OSC is serving in this role.

3. Participating Entities

3.1 Unified Command

n/a

3.2 Cooperating Agencies

OEPA

ODH

Ashtabula Fire Department

First Energy

4. Personnel On Site

3/3/14

EPA: 3

ERRS: 5

START: 1

3/4/14

EPA: 1

ERRS: 5

START: 1

3/5/14

EPA: 1

ERRS: 5

START: 1

3/6/14

EPA: 1

ERRS: 5

START: 1

3/7/14

EPA: 1

ERRS: 5

START: 0

5. Definition of Terms

ATSDR Agency for Toxic Substances and Disease Registry

BZ Breathing Zone

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
DNR	Department of Natural Resources
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ERRS	Emergency and Rapid Response Service
NG/M ³	nanograms per cubic meter
NCP	National Oil and Hazardous Substance Pollution Contingency Plan
NOAA	National Oceanic and Atmospheric Administration
NPL	National Priorities List
NRC	National Response Center
OEPA	Ohio Environmental Protection Agency
ODH	Ohio Department of Health
OSC	On Scene Coordinator
PPE	Personal Protective Equipment
PPM	Parts per million
RCRIS	Resource Conservation and Recovery Act Information System
RP	Responsible Party
RRT	Regional Response Team
START	Superfund Technical Assessment and Response Team
US FWS	United States Fish and Wildlife Service
USCG	United States Coast Guard

6. Additional sources of information

6.1 Internet location of additional information/report

epaossc.org/aim

6.2 Reporting Schedule

POLREPs will be issued weekly during weeks when onsite activities occur.

7. Situational Reference Materials

n/a