

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Waunakee Alloy - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #8
Waunakee Alloy
C56H
Waunakee, WI
Latitude: 43.1941564 Longitude: -89.4503010

To:
From: Andrew Maguire, On-Scene Coordinator
Date: 10/2/2015
Reporting Period:

1. Introduction

1.1 Background

Site Number:	C56H	Contract Number:	EP-S5-08-02
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/27/2015	Start Date:	7/28/2015
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA incident category: Inactive production facility

1.1.2 Site Description

The Site is the former location of the Waunakee Alloy Castings Corporation which ceased operations in 2009. The Site contains one large main building where casting operations occurred and five smaller surrounding outbuildings that contain molds and other artifacts that were needed in the facility's processes when it was still in operation. A small office building is located in the southwest corner of the Site. There are various hazardous material issues throughout the Site.

1.1.2.1 Location

The Waunakee Alloy Facility is located in Waunakee, Dane County, WI. The site is an abandoned metal castings facility.

The site borders a park and six mile creek to the south, Madison St to the west, and resident homes to the north and east.

1.1.2.2 Description of Threat

The main contaminants are elemental mercury and PCB's (Aroclor-1248 and Aroclor-1254). The areas with the most significant contamination are the eastern end of the main building and the voltage room. Flammable and corrosive chemicals were also identified on the site.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

See previous POLREPs for weekly summaries of the activities completed.

9/28/15-10/2/15

START continued to perform perimeter dust monitoring using DataRAM's and Viper on the north, south, east, and west sides when the weather permitted, no dust readings were detected above background levels.

START continued to move the DataRAM in location #3 each day to the area where ERRS was loading sand into roll offs to monitor particulate levels in the immediate area. START continued to screen areas where ERRS had cleaned to ensure mercury contamination had been removed from the area, they also assisted ERRS by utilizing Lumex to pin-point areas where small beads still existed. On 9/30 START assisted ERRS in collecting composite samples from the remaining cubic yard boxes of foundry sand collected during the previous week. The composite samples will be analyzed for TCLP, Total Metals, and PCB's. On 9/29-9/30 ERRS completed pressure washing and application of the "Less than Ten" solvent in order to clean the PCB stained areas from the floor. On 9/30-10/1 ERRS completed the encapsulation process for the mixed PCB/mercury waste collected from the floor. Upon completing the vacuuming of all mercury from the area where the spill occurred, as well as cleaning areas with PCB staining, a sealant was spread across the effected areas as a final layer of protection. ERRS also worked with the facility taking the containerized waste and had it transported off-site on 10/1. On 10/2 ERRS worked to clean up the site and prepare it to be left as 4 of the ERRS crew would be demobilizing on 10/3.

ERRS completed the vacuuming of foundry sand and foundry sand that is contaminated with mercury inside the building. Debris was segregated and moved to the roll off-box for disposal. Mercury Vacuum was used on the foundry sand with high levels of mercury. A drum vacuum is being used on the foundry sand with low mercury readings.

2.1.2 Response Actions to Date

See previous POLREPs for weekly summaries of the activities completed.

ERRS completed vacuuming and segregating foundry sands based on START mercury assessment findings.

START completed mercury screenings of areas which ERRS had finished cleaning, conducted perimeter dust monitoring, collected samples and sent them to the lab for analysis, and documented site activities.

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

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
RCRA empty drums/debris		30 cu yds	T 429609		landfill
RCRA empty drums/debris		30 cu yds	T 429616		landfill
RCRA empty drums/debris		30 cu yds	T 429618		landfill

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

ERRS will complete the removal of the remaining waste on-site.

ERRS will demobilize once the final work is completed.

START will demobilize on 10/2.

2.2.1.2 Next Steps

Complete removal of all containerized waste from the facility and demobilize from the site.

2.2.2 Issues

No issues are anticipated during the coming week of work.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.2 Cooperating Agencies

Wisconsin Department of Natural Resources
Village of Waunakee

4. Personnel On Site

US EPA - 1
START - 1
ERRS - 8

5. Definition of Terms

OSC: On-Scene Coordinator
ERRS: Emergency and Rapid Response Services
START: Superfund Technical Assessment and Response Team

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaosc.org/waunakeealloy

6.2 Reporting Schedule

POLREPs will be sent on a weekly basis during field activities.

7. Situational Reference Materials

No information available at this time.