

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Initial Polrep
Waunakee Alloy
C56H
Waunakee, WI
Latitude: 43.1941564 Longitude: -89.4503010

To:
From: Andrew Maguire, On-Scene Coordinator
Date: 7/31/2015
Reporting Period: 7/27/2015 - 7/31/2015

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 hi 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 northern end of the main building and the voltage room. Flammable and corrosive chemicals were also identified on the site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

7/27/2015 - 07/31/2015

On 7/27 START, EPA, and ERRS mobilized to the site. Work began on 7/28, ERRS started by setting up an exclusion zone where Level C ppe would be required and a decontamination zone for removing PPE and being screened with a Lumex. This included laying down poly and setting a decontamination line including rinse, bleach, and water.

ERRS started by clearing out a small building in the south east corner of the site which contained a variety of corrosive and flammable waste. After this was completed a staging area was set up in the main building to pile and store hazardous materials until they can be disposed of properly. START assessed the proposed staging area using the Lumex to ensure the area was clean prior to staging. ERRS layed down poly in the area for staging. After the staging area was set up ERRS started working in the main building and removing non-hazardous debris.

Nine pole mounted transformers were identified in between the buildings on the northern side of the site. These transformers were still filled with cooling oil and there was concern the oil could contain PCB's. On 7/30, ERRS staged the transformers on poly and START sampled them for PCB's. Sample results are pending.

START set up perimeter air monitoring on the north, south, east, and west sides of the site each day. START also began a mercury assessment in the main building. This was done by using shrouds to cover the floor and then screen the air inside the shrouds to determine if mercury contamination was present on the ground. START also documented ERRS actions on the site.

2.1.2 Response Actions to Date

Mobilization was on 7/27. The site was set up with 2 trailers, a decontamination zone, an exclusion zone, and staging area.

ERRS cleared out a building in the northeast corner of the site and began to remove non-hazardous debris from the main building.

START began the assessment of the main building, conducted perimeter air monitoring, sampled oil containing transformer, 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>

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

ERRS will continue to remove debris and waste into the staging area. Hazardous waste is being put into cubic yard boxes in the staging area and will be properly disposed of after waste characterization is confirmed. ERRS will also remove foundry sand located throughout the building after START has assessed the areas.

START will continue to perform daily air monitoring and assess the building for mercury vapor. START will also continue to document and monitor site activities.

2.2.1.2 Next Steps

Materials inside the buildings (Foundry sand/dust, drums, moldings, etc) will be put in the staging area and hazardous waste will be put into cubic yard boxes to await disposal. Wastes on site will be sampled for waste characterization and then properly disposed of.

2.2.2 Issues

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

3.1 Unified Command

3.2 Cooperating Agencies

Wisconsin Department of Natural Resources
Village of Waunakee

4. Personnel On Site

US EPA - 2
START - 2
ERRS - 4

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 issued weekly during field activities and as necessary thereafter

7. Situational Reference Materials

No information available at this time.