

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Walton & Lonsbury Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region I

Subject: POLREP #7
Walton & Lonsbury Site
01GM
Attleboro, MA
Latitude: 41.9577030 Longitude: -71.2970960

To:
From: Elise Jakabhazy, On-Scene Coordinator
Elsbeth Hearn, On-Scene Coordinator
Date: 1/18/2013
Reporting Period: 09/17/2012 - 01/18/2013

1. Introduction

1.1 Background

Site Number:	01GM	Contract Number:	EP-W-08-062 Task Order 20
D.O. Number:		Action Memo Date:	9/8/2012
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/19/2010	Start Date:	10/19/2010
Demob Date:		Completion Date:	
CERCLIS ID:	MAD001197755	RCRIS ID:	
ERNS No.:		State Notification:	3/11/09
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA Incident Category: Inactive Production Facility - Chromium plating facility

1.1.2 Site Description

See Polrep 1.

1.1.2.1 Location

See Polrep 1

1.1.2.2 Description of Threat

See Polrep 1.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See Polrep 1.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The U.S. Environmental Protection Agency (EPA) and their contractors mobilized to 78 North Avenue, Attleboro, Massachusetts in October 2010 to prepare the Site for the removal of hazardous materials. EPA's contractors include:

- the Emergency & Rapid Response Services (ERRS) contractors - Guardian Environmental Services (GES), and their subcontractors from Shaw Group; and
- the Superfund Technical Assessment and Response Team (START) contractors - Weston Solutions.

Refer to Polrep 1 for initial Site preparation and set-up activities and Polrep 2 through Polrep 6 for activities since initial Site preparation.

ERRS Activities since the last Polrep included: installing the base layers for the engineered cap; installing the french drain along the north and west of the engineered cap; installing the permeable reactive barrier

(PRB) consisting of zero-valent iron (ZVI) mixed with clean fill on the eastern edge of the engineered cap; installing the PRB extension on the south side of the engineered cap; installing a "water block" in the French drain to control groundwater flow rates; installing the drainage swale extension on the western edge of the surcharge area; operating the water treatment system and increasing storage capacity during the construction of the PRB and swale; and decontaminating and demobilizing the water treatment system in January 2013.

START activities since the last polrep included: deploying perimeter particulate monitors at 6 locations on- and off-Site; conducting site visits and conference calls with engineers for the design of the residential removal and site restoration activities planned for Winter and Spring 2013; field screening analysis of soil samples collected from excavated areas of the engineered cap areas; groundwater level gauging from the well locations in the vicinity of the engineered cap areas; conducting soil percolation tests on the engineered cap, the permeable reactive barrier (PRB), and the stream bank; measuring and preparing volume estimates of contaminated soil piles located at the 78 North Avenue site; preparing a preliminary design for site restoration of the residential properties by a licensed Landscape Architect; and documenting all site activities.

2.1.2 Response Actions to Date

See above.

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

On-Scene Coordinator continues to coordinate work with an EPA Enforcement Coordinator and legal team.

2.1.4 Progress Metrics (see POLREPS 1 & 2 for previous waste stream T&D reporting)

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
RQ, NA3077, Hazardous waste, solid, n.o.s., (Chromium), 9, PHIII, (F008), ERG #171	Soil	64 Dump Trucks (approximate total of 2112 ton)	3203JJK - 3232JJK 3244JJK - 3249JJK 3310JJK - 3332JJK 3250JJK - 3253JJK 3250JJK (7/13/2011-7/25/2011)	None	Wayne Disposal, INC Site 2 Landfill 49350 N I-95 Service Drive Belleville, MI 48111. EPA ID #: MID 048 090 633
Various Waste Flammables, Toxics, Paint Related Material, Caustic Alkali Liquids, non-RCRA, non-DOT Regulated Material, Polychlorinated biphenyls	Various sized containers.		008335711JJK, 008335728JJK, 008335710JJK, 008335709JJK		Various, see manifests for details.
Expired Fluorescent Light Bulbs, Expired Mercury Apparatus, Expired TV, and Expired Sodium Lamps for Recycle		Expired Fluorescent Light Bulbs, Expired Mercury Apparatus, Expired TV, and Expired Sodium Lamps for Recycle	Bill of Lading	None	Complete Recycling Solutions LLC, 1075 Airport Road, Fall River, MA 02720
Expired Refrigerators for Recycle, Propane 2.1 UN 1978, Acetylene, dissolved, 2.1 UN 1001		2 Refrigerators, 1x55 DF propane, 1x15DF Acetylene	Bill of Lading	None	Interstate Refrigerant Recovery INC., 12 Morse Place, Foxborough, MA 02035
RQ, NA3077, Hazardous waste, solid, n.o.s., (cyanide, chromium), 9, PGIII, (D007, F008), ERG #171	Solids	15 trailer dump trucks with a total of 342 tons of material	008234434JJK, 008234433JJK, 008234431JJK, 008234432JJK, 008234430JJK, 008234397JJK, 008234396JJK, 008234395JJK, 008234380JJK, 008234381JJK, 008234436JJK, 008234437JJK, 008234435JJK, 008234383JJK,	None	Envirite of Pennsylvania, Inc., 730 Vogelsong Road, York, PA 17404

Propane 2.1 UN 1978		50 lb container	008234382JJK Bill of Lading	None	Interstate Refrigerant Recovery Inc. 12 Morse Place, Foxborough, MA 02035
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2.2 Planning Section

2.2.1 Anticipated Activities

- Work with the EPA Remedial program to determine the extent to which the Removal program can dispose of existing (and future) soil piles as well as perform any excavation work under the former plating facility;
- Continue to construct the engineered cap in the residential area abutting Bliss Brook;
- Restore the residential properties according to local, state, and federal requirements;
- Work with the City of Attleboro to address the drainage issues on Paulette Lane and Deanville Road; and
- Work with the EPA Remedial Project Manager (RPM) to transition the Site from the on-going Time-Critical Removal Action to the Superfund Remedial Action phase.

2.2.1.1 Planned Response Activities

See Above.

2.2.1.2 Next Steps

- Continue to support the relocated residents who were voluntarily moved during the removal activities (due to safety and noise from the heavy construction traffic adjacent to their homes);
- Continue to support the abutting residents who were not relocated and help them maintain their quality of life during our construction activities;
- Work with the City of Attleboro to address the Deanville Road flooding concerns;
- Work with EPA's Massachusetts Superfund RPM to develop transition plans from the removal program to the remedial program;
- Construct the engineered cap in the residential area abutting Bliss Brook;
- Install and maintain erosion and sedimentation controls, as necessary; and
- Restore all residential properties in accordance with local, state and federal requirements.

2.2.2 Issues

The soil stabilization activities were necessary due to a structurally weak organic peat bog that was discovered during the tree removal activities in July and August 2011. After the soil was stabilized, using Type I Portland Cement as a reagent, a great deal of extra contaminated material was required to be excavated from the residential properties in order to install the engineered cap. As a result, there are now more large soil piles that require transportation and disposal.

Deanville Road continues to flood during major storm events. EPA OSCs met with the City of Attleboro's Department of Public Works to discuss technical options to address this concern; final technical plans and financial strategies still require additional evaluation.

After the discovery contamination further south of the facility than initially expected, the EPA Emergency Response and Removal Program began working with the EPA Site Assessment Program to complete a Hazardous Ranking System (HRS) Evaluation package. To date, the Site has preliminarily ranked as a potential National Priorities List (NPL) Site and a public meeting was held on April 30, 2012 to initiate the public participation in the NPL process. The Site was proposed to the NPL on 18 September 2012. A sixty day comment period follows this proposal.

2.3 Logistics Section

Personnel:

- EPA will maintain a Site presence with one or two Federal On-Scene Coordinators, depending on workload and schedule.
- EPA will occasionally use U.S. Coast Guard Atlantic Strike Team and OSCs from Region 2 from time-to-time to supplement oversight activities.
- ERRS personnel are expected to remain constant throughout the next few operational periods (1 Removal Manager, 1-2 Equipment Operators, 0-1 truck driver/laborer).
- START personnel level of effort will remain at one.

Equipment & Supplies:

- One to two swamp dumptrucks - used to transport clean fill during cap construction (one was demobilized in November).
- Three excavators - for use during excavation, cap construction and T&D load-out activities.
- One Bulldozer - for spreading cap material.
- One water truck - for decontamination activities and dust suppression (demobilized in December).
- One bobcat - for moving materials, maintaining roads, and general Site maintenance.
- A wastewater treatment system, two to four frac tanks, and a mud tank have been mobilized to the Site and will continue to treat water during excavation activities (all water treatment equipment were demobilized in January 2013).
- One mini-excavator (stored on Site and can be utilized if necessary)

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff**2.5.1 Safety Officer**

Safety Officer: Elise Jakabhazy, US EPA

See POLREP 1

All-hands health and safety meetings are held daily prior to the commencement of work.

ERRS also conducts a hazard safety analysis with all employees during each new phase of construction.

2.6 Liaison Officer

EPA OSCs serve as liaison officers.

Liaison Officer (LNO) = Elise Jakabhazy

Assistant Liaison Officer (ALNO) = Elsbeth Hearn

See Polrep 1 for information on previous liaison officer activities.

2.7 Information Officer**2.7.1 Public Information Officer**

EPA personnel continue to provide face-to-face meetings with the residents to keep them informed of activities on-Site.

See previous Polreps for more information.

3. Participating Entities**3.1 Unified Command**

United States Environmental Protection Agency (EPA)

Massachusetts Department of Environmental Protection (MassDEP) *

** MassDEP is listed as a Cooperating or Assisting Agency, since they are not providing funds for the Removal Action. They are, however, listed as part of Unified Command while on-Site. They are not directing contractors work, and they do not sign the Incident Action Plan.*

3.2 Cooperating Agencies

- Massachusetts Department of Environmental Protection (MassDEP)
- Army Corps of Engineers (USACE)
- Massachusetts Department of Public Health (MA DPH)
- Agency for Toxic Substances and Disease Registry (ATSDR)

4. Personnel On Site

Two (2) EPA OSCs

One (1) START Personnel - for Removal Action

Two - Thirteen (2-9) ERRS Personnel [GES" Guardian Environmental Services (with Shaw Group, subcontractors to GES, and various other subcontractors including TMC)]

5. Definition of Terms

EPA = U.S. Environmental Protection Agency

MassDEP = Massachusetts Department of Environmental Protection

MA DPH = Massachusetts Department of Public Health

START = Superfund Technical Assistance Response Team (EPA Contractor)

ERRS = Emergency & Rapid Response Services (EPA Contractor)

SVOCs = semi-volatile organic compounds

VOCs = volatile organic compounds

6. Additional sources of information

6.1 Internet location of additional information/report

Go to www.epaosc.org/Walton_and_Lonsbury for additional documentation and photographs.

6.2 Reporting Schedule

The next POLREP will be submitted in Spring 2013.

7. Situational Reference Materials

See documents section of the web site to find a copy of the Preliminary Assessment / Site Investigation, the Site Closure Memo and the Action Memo.