

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Portage Creek Area - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #6
Progress
Portage Creek Area
059B05
Kalamazoo, MI
Latitude: 42.2839750 Longitude: -85.5791570

To: Mark Mills, Michigan DNR
Daria Devantier, MDEQ
Debbie Jung, City of Kalamazoo
Lisa Williams, U.S. FWS
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Valincia Darby, Department of Interior

From: Craig Thomas, On-Scene Coordinator

Date: 3/30/2012

Reporting Period: 2/25/2012 - 3/30/2012

1. Introduction

1.1 Background

Site Number:	059B05	Contract Number:	EP-S5-08-02
D.O. Number:	0087	Action Memo Date:	7/5/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	NPL	Operable Unit:	05
Mobilization Date:	9/26/2011	Start Date:	8/30/2011
Demob Date:		Completion Date:	
CERCLIS ID:	MID006007306	RCRIS ID:	NA
ERNS No.:	NA	State Notification:	Yes
FPN#:	NA	Reimbursable Account #:	NA

1.1.1 Incident Category
Fund-lead removal action

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

Due to favorable weather and dryer conditions, additional timber mats were installed for access and crews excavated contaminated soils in SA7. All non-TSCA (<50ppm PCB) soils were excavated, solidified with cal cement, and transported off site for disposal by March 28. All TSCA soils (>50ppm PCB) were excavated, solidified with cal cement, and staged for transport and disposal by March 30. Transportation of TSCA soils began on March 30 and should be completed by April 4. Backfilling and restoration activities will commence as soon as possible contingent on positive results of post-excavation sampling conducted in SA7 on March 27 and 30.

Construction activity resumed on the Jonn Street staging/solidification pad (staging pad). The sand base atop the liner was graded and crews installed plastic "geo-grid" and rock atop the sand. The "geo-grid" and rock will serve as a working area and drainage layer for liquids running off contaminated sediments to

be staged there for dewatering and solidification prior to transport and disposal. The staging pad is approximately 60% constructed and will be completed by April 6.

2.1.2 Response Actions to Date

From February 25 to March 30, U.S. EPA, START and ERRS contractors conducted the following activities:

Site Activities

- Install 45 timber mats in SA7 to provide access to excavation area, mobilize heavy equipment, and complete clearing/construction of staging/load out area located at 423 Reed Street;
- Clear downstream debris and vegetation at north end of SA7 to provide access to creek for installation of silt curtain and emergency boom if needed in downstream creek channel;
- Excavate, solidify and load out 432 tons (approx 450 yds) of non-TSCA contaminated soils for disposal at a Subtitle D landfill in Marshall, Michigan;
- Excavate, solidify and load out approximately 350 tons (approx 350 yds, actual tonnage to be provided in POLREP #7) of TSCA contaminated soils for disposal at a licensed PCB waste landfill in Belleville, Michigan;
- Mobilize heavy equipment and crew to continue construction on John Street staging pad;
- Conduct confirmatory sampling in SA7 following excavation of contaminated soils; and
- Conduct perimeter and personnel air monitoring.

Project Management Activities

- Conduct weekly update meetings with Kalamazoo City on site progress;
- Meet with Planning, Public Works and Parks and Recreation Department representatives to solicit input on Restoration Plan document;
- Review, comment and finalize de-watering contractor report on ground water pump test in SA6;
- Begin needed repairs on U.S. EPA's mobile water treatment system in preparation for mobilization to John Street staging area for treatment of run-off from staging pad; and
- Plan restoration and re-grading of excavated and access road areas in SA7;
- Plan soil sampling in Upjohn Park;
- Prepare and review cost analysis of various dredging approaches in SA6; and
- Plan for mobilization into SA6 to conduct dredging in creek channel.

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

The major PRP for this portion of the Allied Paper Inc./Portage Creek/Kalamazoo River Superfund site was dissolved through bankruptcy proceedings in April 2010. Other PRPs are being evaluated.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Non-TSCA contaminated soil	sediment/soil	432.53 tons	NTSCA-0001 to NTSCA-0009	disposal	C&C Landfill, Marshall, MI
Misc debris	soil/debris	83.69 tons	NTSCA-0010 to NTSCA 0011	disposal	C&C Landfill, Marshall, MI

2.2 Planning Section

A summary of removal activities that will take place in the upcoming week(s) include:

Site Activities

- Complete transport and disposal of remaining TSCA contaminated soils staged in SA7;
- Remove, decontaminate and transport timber mats and all other controls used to establish access in SA7;
- Backfill excavation and grade SA7 in preparation for seeding per Restoration Plan;
- Complete construction of John Street staging pad;
- Perimeter and personnel air monitoring;
- Conduct surface soil sampling in Upjohn Park;
- Construct access road into SA6; and
- Begin mobilization of equipment and materials to support dredging operations in SA6.

Project Management Activities

- Data validation, QA review of sampling results from confirmatory sampling in SA7;
- Plan and source materials, sub-contractors and equipment to support dredging operations in SA6;
- Prepare U.S. EPA's mobile water treatment system for mobilization to John Street staging area; and
- Continue weekly progress meetings with City of Kalamazoo.

2.2.1 Anticipated Activities

See POLREP #2

2.2.1.1 Planned Response Activities

See above

2.2.1.2 Next Steps

See above

2.2.2 Issues

None

2.3 Logistics Section

The current resources present on site during this reporting period include:

- Office and security trailers
- Portable restrooms and hand-washing stations
- Portable generators
- Submersible pumps
- Equipment storage container
- ERRS work crews
- START sampling contractor
- Heavy equipment

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Craig Thomas and Paul Ruesch, U.S. EPA FOSCs, are serving as safety officer(s). The HASP is reviewed and signed by all site personnel. All new personnel arriving on site are provided a site orientation and safety briefing. Safety meetings are held each morning with all workers to ensure safe daily operations.

2.6 Liaison Officer

Craig Thomas and Paul Ruesch, U.S. EPA FOSCs, are serving as liaison(s) with local officials and any interested parties.

2.7 Information Officer

N/A

2.7.1 Public Information Officer

N/A

2.7.2 Community Involvement Coordinator

Don DeBlasio - U.S. EPA

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

U.S. Environmental Protection Agency
 Michigan Department of Environmental Quality
 Michigan Department of Natural Resources
 U.S. Fish and Wildlife Service
 City of Kalamazoo:
 Department of Public Services
 Parks and Recreation Department
 Economic Development Department
 Community Planning & Development
 Public Safety Department
 Fire Department
 Police Department
 Bronson Methodist Hospital
 Kalamazoo Nature Center

4. Personnel On Site

U.S. EPA - 2
 ERRS contractor (Environmental Quality Management, Inc) - 9
 START contractor (Weston/Dyanamac) - 1

5. Definition of Terms

ERRS - Emergency and Rapid Response Services
 FOSC - Federal On Scene Coordinator
 HASP - Health and Safety Plan
 mg/kg - milligrams per kilogram
 MDEQ - Michigan Department of Environmental Quality
 NA - Not Applicable
 NPL - National Priorities List
 PCB - polychlorinated biphenyl
 PRPs - Potentially Responsible Parties
 START - Superfund Technical Assessment and Response Team
 U.S. EPA - United States Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/report

See the project website at <http://www.epaosc.org/portagecreekarea>.

6.2 Reporting Schedule

The next POLREP will be generated in approximately 2 weeks.

7. Situational Reference Materials

See the project website at <http://www.epaosc.org/portagecreekarea>.

Additional information on the overall Kalamazoo River Project can be found at <http://www.epa.gov/Region5/cleanup/kalproject/index.htm>.