

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

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

To: Sam Borries, U.S. EPA
 Jason El-Zein, U.S. EPA
 Charles Gebien, U.S. EPA
 Mike Ribordy, U.S. EPA
 John Maritote, U.S. EPA
 Mark Johnson, ATSDR
 Lisa Williams, U.S. FWS
 Todd Goeks, NOAA
 Mark Mills, Michigan DNR
 Daria Devantier, MDEQ
 Paul Bucholtz, MDEQ
 Valencia Darby, Department of Interior
 Bruce Merchant, Kalamazoo City
 Debbie Jung, Kalamazoo City

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-S5-09-05
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 John 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) 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

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Non-TSCA contaminated	sediment/soil	432.53 tons	NTSCA-0001 to NTSCA-0009	disposal	C&C Landfill, Marshall, MI

soil					
TSCA contaminated soil	sediment/soil	approx 350 tons	TSCA-0001 to TSCA-0007	disposal	Wayne Disposal, Belleville, MI
Misc debris	soil/debris	90 yards	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

2.4.1 Narrative

N/A

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$4,700,000.00	\$863,000.00	\$3,837,000.00	81.64%

TAT/START	\$300,000.00	\$87,000.00	\$213,000.00	71.00%
Intramural Costs				
Total Site Costs	\$5,000,000.00	\$950,000.00	\$4,050,000.00	81.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

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>.