

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V**

Subject: POLREP #8
 Progress
 Portage Creek Area
 059B05
 Kalamazoo, MI
 Latitude: 42.2839750 Longitude: -85.5791570

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

From: Craig Thomas, On-Scene Coordinator

Date: 4/27/2012

Reporting Period: 4/14/2012 - 4/27/2012

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

Restoration activities including backfilling, re-grading, rock-removal, and fence removal were completed in SA7. Restoration will be completed once post-construction sampling and elevation surveying are confirmed and trustees approve site-specific plans for SA7 developed pursuant to the overall project Restoration Plan.

Equipment and materials were mobilized into the SA6 dredging area at Stockbridge Avenue. Additional clearing and grubbing was necessary along the eastern bank of the creek to ensure proper signal for the Real Time Kinematic Global Positioning System (RTK GPS) to be used on the excavator during contaminated sediment removal; this clearing and grubbing was completed on April 27. Plans were finalized for isolating the creek channel and pumping creek water around the excavation area during dredging operations. Dredging operations are expected to begin in SA6 in late May.

2.1.2 Response Actions to Date

From April 14 to April 27, U.S. EPA, START and ERRS contractors conducted the following activities:

Site Activities

- Removed, decontaminated and transported timber mats from SA7 to John Street Staging area;
- Removed rock, re-graded and seeded entrance to SA7 at 423 Reed Street;
- Demobilized all heavy equipment and materials from SA7;
- Collected post-construction confirmation samples from roads and support areas in SA7;
- Conducted post-backfill/grading elevation survey in SA7
- Cut and removed additional tree limbs from Axtell Creek;
- Mobilized equipment, controls (i.e., frac tanks, solidification boxes), and materials (i.e., corn cob drying agent) to support dredging operations in SA6;
- Cleared and grubbed additional trees from the east and west creek banks in SA6;
- Created support equipment entrance on north side of SA6;
- Continued constructing working surface along creek banks to support dredging equipment in SA6;
- Conducted pre-excavation site survey with structural engineer in SA6; and
- Conducted work area perimeter air monitoring. Results continue to be below the action level of 2.5 mg/m³ sustained for 1 minute.

Project Management Activities

- Conducted weekly update meetings with Kalamazoo City on site progress;
- Met with ecological consultant to initiate development of site-specific restoration plans for SA5 and SA6;
- Conduct data validation for 18 surface soil samples collected from Upjohn Park;
- Completed Pre-Sediment Removal Structure Feature Assessment report for SA6;
- Arranged for relocation of phone line in SA6;
- Contacted local utility company to arrange guide wires to be moved from power poles in SA6; and
- Completed diagnostic testing of the electrical system on U.S. EPA's mobile water treatment system in preparation for mobilization to Site.

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>
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2.2 Planning Section

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

Site Activities

- Mobilize equipment and materials to support dredging operations in SA6;
- Install piping, and sump for bypass pumping system along east and west banks of creek in SA6;
- Construct working surface along creek banks to support dredging equipment in SA6;
- Install environmental controls including storm drain inlet protection, tire wash station, sediment curtain, silt fence and mulch blanket in SA6; and
- Continue perimeter and personnel air monitoring near site activities.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo;
- Complete site-specific restoration plans for SA5, SA6, and SA7 for review by trustees; and
- Complete needed repairs, mobilize and set up U.S. EPA's mobile water treatment system at John Street staging area for treatment of staging pad drainage water.

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
- Water truck
- Street Sweeper
- Mixing boxes
- Frac (water) tanks
- Pressure wash trailer

2.4 Finance Section

2.4.1 Narrative

See table

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				

ERRS - Cleanup Contractor	\$4,700,000.00	\$1,212,800.00	\$3,487,200.00	74.20%
TAT/START	\$300,000.00	\$102,469.00	\$197,531.00	65.84%
Intramural Costs				
Total Site Costs	\$5,000,000.00	\$1,315,269.00	\$3,684,731.00	73.69%

* 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 other interested parties.

2.7 Information Officer

See Section 2.6

2.7.1 Public Information Officer

See Section 2.6

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
ReDevelopment 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/Dynamac) - 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
mg/m³ - milligrams per cubic meter
MDEQ - Michigan Department of Environmental Quality
NA - Not Applicable
NPL - National Priorities List
PCB - polychlorinated biphenyl
ppm - parts per million
PRPs - Potentially Responsible Parties
RTK GPS - Real Time Kinematic Global Positioning System
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>.