

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V**

Subject: **POLREP #36**
 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
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 Mark Mills, Michigan DNR
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 Paul Bucholtz, MDEQ
 Debbie Jung, City of Kalamazoo
 Lisa Williams, U.S. FWS
 Todd Goeks, NOAA
 Valincia Darby, Department of Interior
 Mark Johnson, ATSDR

From: Craig Thomas, On-Scene Coordinator

Date: 9/27/2013

Reporting Period: 9/14/2013 - 9/27/3013

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.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

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

Excavation of contaminated sediments was completed in SA1A-3 to SA1A-9. Backfilling and reconstruction of the creek channel and banks are underway and will be completed in the next two weeks. Demobilization of equipment, supplies and materials from SA1A to the John Street command post for decontamination, wipe sampling and demobilization from the site will begin in the next reporting period.

2.1.2 Response Actions to Date

From September 14 to September 27, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 10,551 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 1,106,135 gallons treated to date;
- Received contaminated sediments excavated from SA1A;
- Loaded out 2,213.70 tons of non-TSCA contaminated sediments for transport & disposal; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1A

- Excavated contaminated sediments from grids SA1A-3 to SA1A-9;
- Loaded out contaminated sediments for transport to John Street staging area;
- Received and stockpiled aggregates to support backfilling operations;
- Completed backfilling of base layer (rip rap) in grids SA1A-3 and SA1A-9;
- Removed isolation (groundwater) de-watering system; and
- Conducted work area perimeter air monitoring for dust.

GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION PCB RESULT (mg/kg)
SA1A-2	64	0.131
SA1A-3	53	0.70
SA1A-4	66	0.22 0.16 (dup)
SA1A-5	72	0.049
SA1A-6	66	ND
SA1A-7	66	0.567
SA1A-8	77	0.96

SA1A-9	79	0.78
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ND: non-detect dup: duplicate sample location

- Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conducted landscaping maintenance & irrigation in Rose Park;
- Began drafting sections of final project report; and
- Finalized development of site specific restoration plans for SA1A.

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

See POLREP #1

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 sediments	solidified sediment	2,213.70 tons	NTSCA-352 to NTSCA-396	disposal	C&C Landfill, Marshall, MI

2.2 Planning Section

Removal activities anticipated to take place from September 28 to October 11 include the following:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Decontaminate equipment and materials prior to wipe sampling and demobilization from site;
- Complete load out and transfer of TSCA-contaminated sediments to approved disposal facilities; and
- Conduct work area perimeter air monitoring for dust.

Site Activities - SA1A

- Complete final backfilling of grids (river rock and bank run) SA1A-1 to SA1A-9 according to Restoration Plan;
- Remove staging and support area equipment, materials and supplies;
- Demobilize isolation (groundwater) dewatering system;
- Remove and demobilize creek bypass pumping system;
- Remove and demobilize upstream and downstream sheet pile coffer dams; and
- Complete bank stabilization, restoration and temporary seeding.

Site Activities - SA1B

- Demobilize staging and support area equipment, materials and supplies.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue weekly landscaping maintenance & irrigation in Rose Park;
- Continue drafting final project report;
- Finalize plans to reconstruct section of KVRT boardwalk removed for the project; and
- Finalize site specific restoration plans for SA1A and bypass pump staging pad in SA1B.

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 trailers
- Portable restrooms & hand-washing stations
- Portable generators
- Submersible pumps
- Equipment storage container
- ERRS work crews and subcontractor work crews
- START sampling contractor
- Security subcontractor personnel
- Heavy equipment
- Water truck
- Street sweeper
- Mixing box
- Frac (water) tanks
- Pressure wash trailer
- Bypass pumps & piping
- Sheet piling
- Mobile wastewater treatment plant
- Monitoring Equipment
- Traffic control structures & roadway signage
- Mobile light towers

2.4 Finance Section**2.4.1 Narrative**

See table

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$13,300,000.00	\$9,848,764.00	\$3,451,236.00	25.95%
TAT/START	\$700,000.00	\$455,000.00	\$245,000.00	35.00%
Intramural Costs				
Total Site Costs	\$14,000,000.00	\$10,303,764.00	\$3,696,236.00	26.40%

* 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 serve as safety officer(s). The HASP is reviewed and signed by all site personnel. All new personnel, including sub-contractors, are provided a site orientation and safety briefing. Safety meetings are held each morning with all site workers.

2.6 Liaison Officer

Craig Thomas and Paul Ruesch serve as liaison(s) with local officials and interested parties.

A group from Western Michigan University's College of Engineering and Applied Sciences, National Council for Air & Stream Improvement visited the site on September 26.

2.7 Information Officer

See Section 2.6

A phone interview was provided to the Kalamazoo Gazette on September 27.

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 Agriculture and Rural Development
 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 - 3
 START contractor (Weston Solutions) - 1
 ERRS contractor (Environmental Quality Management, Inc) - 12
 Fulton Trucking - 4

TOTAL PERSONNEL = 20

5. Definition of Terms

C&D - Construction and Demolition (waste)
ERRS - Emergency and Rapid Response Services
FOSC - Federal On Scene Coordinator
U.S. FWS - United States Fish and Wildlife Service
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
NOAA - National Oceanic and Atmospheric Administration
NPL - National Priorities List
NRDA - Natural Resource Damage Assessment
PCB - polychlorinated biphenyl
ppm - parts per million
PRPs - Potentially Responsible Parties
RTK GPS - Real Time Kinematic Global Positioning System
SA - Slope Area
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 on October 11.

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>.