

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #35
Progress
Portage Creek Area
059B05
Kalamazoo, MI
Latitude: 42.2839750 Longitude: -85.5791570

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From: Craig Thomas, On-Scene Coordinator

Date: 9/13/2013

Reporting Period: 8/31/2013 - 9/13/2013

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.:		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 is underway in SA1A, with excavation completed in grids SA1A-1 & 2. Weather permitting, it is anticipated that excavation and backfilling of SA1A could be completed by the end of the month.

2.1.2 Response Actions to Date

From August 31 to September 13, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 8,908 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 1,095,584 gallons treated to date;
- Received contaminated sediments excavated from SA1A;
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1A

- Excavated contaminated sediments from grids SA1A-1 and SA1A-2;
- Completed backfilling of base layer in grids SA1A-1 and SA1A-2;
- Received and stockpiled aggregates to support backfilling operations;
- Loaded out contaminated sediments for transport to John Street staging area; and
- Conducted work area perimeter air monitoring for dust.

GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION PCB RESULT (mg/kg)
SA1A-1	62	0.82
SA1A-2	64	0.131
ND: non-detect dup: duplicate sample location TBD: to be determined		

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Established alternative parking area for flag retirement event scheduled in Rose Park for September 14;
- Solicited quote for replacement of removed sections of KRVV boardwalk behind Rose Park;
- Conducted landscaping maintenance & irrigation in Rose Park; and
- Continued 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>
TSCA contaminated sediments	solidified sediment	none	N/A	disposal	Wayne Disposal, Belleville, MI
Non-TSCA contaminated sediments	solidified sediment	none	N/A	disposal	C&C Landfill, Marshall, MI

2.2 Planning Section

Removal activities anticipated to take place from September 14 to September 27 include the following:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Receive contaminated sediments excavated from SA1A;
- Begin load out and transfer of contaminated sediments to approved disposal facilities; and
- Conduct work area perimeter air monitoring for dust.

Site Activities - SA1A

- Complete excavation of contaminated sediments from grids SA1A-3 to SA1A-9;
- Receive and stockpile aggregates for support backfilling operations;
- Backfill excavated grids SA1A-3 to SA1A-9 with rock according to Restoration Plan;
- Solidify and load out contaminated sediments for transport to John Street staging pad; and
- Conduct work area perimeter air monitoring for dust.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue weekly landscaping maintenance & irrigation in Rose Park; 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	\$9,547,973.00	\$3,752,027.00	28.21%
TAT/START	\$500,000.00	\$428,335.00	\$71,665.00	14.33%
Intramural Costs				
Total Site Costs	\$13,800,000.00	\$9,976,308.00	\$3,823,692.00	27.71%

* 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 tour was provided for 8 staff from the MDEQ Kalamazoo District Office on September 11.

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 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 September 27.

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>.

POLREP #35 Last Updated 11/19/2014