

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #28
Progress
Portage Creek Area
059B05
Kalamazoo, MI
Latitude: 42.2839750 Longitude: -85.5791570

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From: Craig Thomas, On-Scene Coordinator

Date: 6/7/2013

Reporting Period: 5/24/2013 - 6/7/2013

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

Temporary restoration activities were completed in SA5A. Contaminated sediment removal and backfilling operations commenced in SA3A, and will be completed in the next reporting period.

2.1.2 Response Actions to Date

From May 24 to June 7, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 73,787 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 915,149 gallons treated to date;
- Received contaminated sediments excavated from SA3A; and

- Continued work area perimeter air monitoring for dust.

Site Activities - SA5A

- Completed temporary restoration activities, including re-construction of perimeter fencing;
- Conducted re-grading activities in parking lot and along creek banks; and
- Re-opened perimeter parking lots.

Site Activities - SA3A

- Completed contaminated sediment dredging operations in grids SA3A-1 to SA3A-6;
- Loaded out contaminated sediments and transport to John Street staging pad;
- Completed backfilling in grids SA3A-1 to SA3A-6 according to Restoration Plan; and
- Conducted work area perimeter air monitoring for dust.

GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION PCB RESULT (mg/kg)
SA3A-1	49	3.07
SA3A-2	51	0.00
SA3A-3	36	1.95
SA3A-4	52	0.00
SA3A-5	52	0.00
SA3A-6	50	pending

ND: non-detect dup: duplicate sample location

Site Activities - SA1B&C

- Mobilized equipment and materials to SA1C staging area; and
- Began preparations for construction of creekwater bypass pumping system discharge pipelines.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Obtained access to additional property needed for bypass pumping system pipelines adjacent to SA1B;
- Completed a draft area specific restoration plan for SA3A and shared with property owners for input; and
- Continued development of draft Technical Memo for dredging operations in SA1B & SA1C.

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		disposal	Wayne Disposal, Belleville, MI
Non-TSCA contaminated sediments	solidified sediment	none		disposal	C&C Landfill, Marshall, MI

2.2 Planning Section

A summary of removal activities that are anticipated to take place from June 8 to June 21 include:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant; and
- Load out and transport contaminated sediments for disposal.

Site Activities - SA3A

- Maintain engineering and environmental monitoring/controls around excavation area;
- Complete excavation of contaminated sediments from grids SA3A-7 & SA3A-8;
- Complete backfilling of grids SA3A-7 & SA3A-8 according to Restoration Plan; and
- Begin demobilization of equipment, materials and supplies to SA1C staging area.

Site Activities - SA1B & SA1C

- Begin construction of creekwater bypass pumping system;
- Begin installation of sheet pile coffer dams to isolate excavation area;
- Begin construction of isolation de-watering (ground water extraction) system; and
- Mobilize equipment, materials and supplies to staging area in preparation for contaminated sediment removal operations.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue development of area specific restoration plans in SA1B & SA1C;
- Obtain approval of area specific restoration plan for SA5A and begin restoration work (planting) if possible;
- Finalize area specific restoration plan for SA3A in consultation with property owners;
- Obtain consent to access from remaining property owners in SA1A; and
- Complete Technical Memorandum for removal operations in SA1C & SA1B and share with property

owners.

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	\$10,289,265.00	\$7,515,000.00	\$2,774,265.00	26.96%
TAT/START	\$400,000.00	\$343,000.00	\$57,000.00	14.25%
Intramural Costs				
Total Site Costs	\$10,689,265.00	\$7,858,000.00	\$2,831,265.00	26.49%

* 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, Paul Ruesch and Andrew Maguire 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, Paul Ruesch and Andrew Maguire serve as liaison(s) with local officials and 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 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) - 11
Baker Pumps - 1
Fulton Trucking - 3

TOTAL PERSONNEL = 19

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
MDARD - Michigan Department of Agriculture and Rural Development

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 June 21.

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>.