

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #24
Progress
Portage Creek Area
059B05
Kalamazoo, MI
Latitude: 42.2839750 Longitude: -85.5791570

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From: Craig Thomas, On-Scene Coordinator

Date: 4/12/2013

Reporting Period: 3/30/2013 - 4/12/2013

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

Contaminated sediment removal activities were completed in grids SA5A-1 and SA5A-2 between Dutton Street and Walnut Street. Excavation operations were suspended on April 10 due to heavy rainfall and will continue once creekwater is pumped out of the SA5A excavation area. SA5A-7 will not be excavated due to low levels of PCBs found during pre-construction investigatory sampling and proximity to the Walnut Street bridge support structure. Staging areas were established in SA3A and SA1B&C.

2.1.2 Response Actions to Date

From March 30 to April 12, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Removed gravel, graded and seeded access roadways on south and east ends of staging pad;
- Removed aggregate stockpiles for use in SA5A backfilling operations;
- Made repairs to mobile waste water treatment plant;
- Set up work area perimeter air monitoring for dust; and
- Received contaminated sediments from SA5A dredging operations.

Site Activities - SA5A

- Maintained engineering controls and water control systems around excavation area;
- Mobilized specialized excavation equipment and GPS control system to support dredging operations;
- Established work area perimeter air monitoring for dust;
- Completed contaminated sediment dredging operations in grids SA5A-1 and SA5A-2; and
- Loaded out contaminated sediments and transport to John Street staging pad.

GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION PCB RESULT (mg/kg)
SA5A-1	57	1.9
SA5A-2	66	0.062

ND: non-detect dup: duplicate sample location

Site Activities - SA3A

- Completed staging area and access road preparation on north and south banks of creek; and
- Established access control at E. Michigan Avenue entrance.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conducted pre-construction sampling and surveying in SA1B&C;
- Continued development of draft area specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Obtained consent to access from remaining property owners in SA1B & SA1C;
- Continued discussions with property owners in SA1A regarding consent to access;
- Finalized revisions to Traffic Control Plan, SA5/Axtell Creek Technical Memo, and Quality Assurance Plan (posted on website);
- Continued revisions to Soil Erosion and Sediment Control Plan; and
- Continued planning for removal operations in SA3A, SA1B&C.

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

See POLREP #1

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
C&D Debris	solid waste	30.13 tons	NTSCA 221-D to NTSCA-222-D	disposal	C&C Landfill, Marshall, MI
Scrap metal	scrap	1840 lbs	NA	recycling	Shupan Metals
Cardboard & office paper	paper	100 lbs	NA	recycling	Best Way Disposal Recycling Drop-Off Center

2.2 Planning Section

A summary of removal activities that are anticipated to take place from April 13 to April 26 include:

Site Activities - John Street Staging Area

- Treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Receive contaminated sediments from SA5A dredging operations; and
- Load out solidified sediments for transport and disposal at approved landfill facilities.

Site Activities - SA5A

- Maintain engineering controls and water control systems around excavation area;
- Continue work area perimeter dust monitoring;
- Continue contaminated sediment dredging operations in grids SA5A-3 to SA5A-6;
- Continue backfilling excavated grids SA5A-1 to SA5A-3 according to Restoration Plan; and
- Load out contaminated sediments and transport to John Street staging pad.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue development of area specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Obtain consent to access from remaining property owners in SA1A;
- Conduct preliminary surveying in SA1A work area;
- Conduct pre-construction removal structure feature assessment in SA1C, SA1B and SA1A; and

- Continue planning for removal operations in SA3A, SA1C & 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

2.4 Finance Section

2.4.1 Narrative

See table

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$8,389,265.00	\$6,466,000.00	\$1,923,265.00	22.93%
TAT/START	\$400,000.00	\$303,000.00	\$97,000.00	24.25%
Intramural Costs				
Total Site Costs	\$8,789,265.00	\$6,769,000.00	\$2,020,265.00	22.99%

* 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 (Dynamac) - 1
ERRS contractor (Environmental Quality Management, Inc) - 11
Baker Corporation - 1
Fulton Trucking - 2

TOTAL PERSONNEL = 18

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
HDPE - High density polyethylene (plastic)
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
ntu - nephelometric turbidity units
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 April 26.

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>.

