

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #21
Progress
Portage Creek Area
059B05
Kalamazoo, MI
Latitude: 42.2839750 Longitude: -85.5791570

To: Mark Mills, Michigan DNR
Daria Devantier, MDEQ
Debbie Jung, City of Kalamazoo
Lisa Williams, U.S. FWS
Todd Goeks, NOAA
Valincia Darby, Department of Interior

From: Craig Thomas, On-Scene Coordinator

Date: 10/31/2012

Reporting Period: 10/13/2012 - 10/31/2012

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

Seasonal demobilization operations were conducted during this reporting period. In addition, site preparations began in both SA5A and SA3A in anticipation of removal activities next construction season.

2.1.2 Response Actions to Date

From October 15 to October 31, EPA, START and ERRS contractors conducted the following activities:

Site Activities - Axtell Creek, SA5D & SA5C

- Demobilized pumps, de-watering system, engineering & environmental controls and equipment from SA5C;
- Removed curb cuts and replaced damaged sections of sidewalks;
- Conducted post-construction site structural feature assessment; and
- Began site restoration activities in accordance with the site Restoration Plan.

Site Activities - SA5A

- Conducted pre-construction sampling and pre-removal contaminated sediment confirmation sampling in each grid;
- Staged bypass pump discharge pipes on east bank for the winter to save time and re-mobilization costs; and
- Removed trees, brush and fencing from creek banks in preparation for removal operations next year.

Site Activities - SA3A

- Conducted pre-removal contaminated sediment confirmation sampling;
- Constructed an aggregate access road and staging area for equipment and load-out pad; and
- Removed trees and brush from creek banks in preparation for removal operations next year.

Site Activities - Staging Pad

- Solidified and loaded out 1205.32 tons of non-TSCA (< 50ppm PCBs) contaminated sediments for disposal at C&C Landfill in Marshall, Michigan;
- Treated 42,344 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, with a total of 695,715 gallons treated to date;
- Shut down EPA's mobile waste water treatment plant for the season and demobilized support trailer; and
- Pumped out and transport 10,000 gallons of potentially contaminated contact water from the staging pad sump for treatment off site.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo;
- Conducted data validation for additional post-removal confirmation sediment samples collected from SA5C&D;
- Continued discussions with property owners in SA5A, SA3A, SA1C and SA1B regarding site access, preparation and restoration; and
- Completed implementation of seasonal site shut-down / demobilization plan;

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	1205.32 tons	NTSCA-190 to NTSCA-213	disposal	C&C Landfill, Marshall MI
Construction & Demolition	solid waste	13.94 tons	23922	disposal	C&C Landfill, Marshall, MI
Scrap Steel	scrap metal	460 lbs	n/a	recycling	Shupan Recycling
Shipping Pallets	wood	100	n/a	recycling	Holland Pallet
Tires	tires	38	n/a	recycling	Tire Reclaimers

2.2 Planning Section

A summary of removal activities that will take place from October 31 through the end of the year include:

Site Activities - Staging Pad

- Continue to pump out and transport potentially contaminated contact water from the staging pad sump for treatment off site on an as-needed basis.

Site Activities - Axtell Creek, SA5D & SA5C

- Complete restoration activities according to site Restoration Plan.

Project Management Activities

- Conduct data validation for pre-removal confirmation core sampling conducted in SA5A & SA3A as well as post-construction sampling in SA5D;
- Review Post-Removal Structure Feature Assessment report for Axtell Creek, SA5D & SA5C;
- Obtain access agreements for properties in SA5A, SA3A, SA1C and SA1B; and
- Plan for removal operations in SA5A, SA3A, SA1C and SA1B during the next construction season.

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 and hand-washing stations (demobilized)
- Portable generators (demobilized)
- Submersible pumps (demobilized)
- Equipment storage container
- ERRS work crews and subcontractor work crews
- START sampling contractor (demobilized)
- Heavy equipment (demobilized)
- Water truck (demobilized)
- Street sweeper (demobilized)
- Mixing boxes
- Frac (water) tank (demobilized)
- Pressure wash trailer (demobilized)
- Bypass pumps and piping (demobilized)
- Sheet piling and steel bridge personnel support structures (demobilized)
- Mobile wastewater treatment plant
- Temporary steel bridge (demobilized)
- Monitoring Equipment (demobilized)

The only equipment that will remain on site during the seasonal de-mobilization will be the office trailers, equipment storage container and EPA's mobile wastewater treatment plant.

2.4 Finance Section

No information available at this time.

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.

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 - 2
ERRS contractor (Environmental Quality Management, Inc) - 13
START contractor (Dynamac/Weston) - 1
CMC Contracting (sheet pile removal subcontractor) - 5
Rain for Rent (groundwater extraction subcontractor) - 2
Katerberg Verhage (restoration subcontractor) - 3

Farm & Garden/Viskers (fencing contractor) - 2

Total Tree Service - 7

Baker Corporation Pump Division - 3

TOTAL PERSONNEL = 38

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 as needed.

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>.