

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #25  
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  
Mike Ribordy, U.S. EPA  
Mark Mills, Michigan DNR  
Daria Devantier, MDEQ  
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:** 4/26/2013

**Reporting Period:** 4/13/2013 - 4/26/2013

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	059B05	<b>Contract Number:</b>	EP-S5-08-02
<b>D.O. Number:</b>	0087	<b>Action Memo Date:</b>	7/5/2011
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	NPL	<b>Operable Unit:</b>	05
<b>Mobilization Date:</b>	9/26/2011	<b>Start Date:</b>	8/30/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	MID006007306	<b>RCRIS ID:</b>	NA
<b>ERNS No.:</b>		<b>State Notification:</b>	Yes
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 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 suspended in SA5A between Dutton Street and Walnut Street due to heavy rainfall. Limited site preparations continued in SA3A and SA1B&C. The crew will return and excavation operations will continue once creekwater is pumped out of the SA5A excavation area.

#### 2.1.2 Response Actions to Date

From April 13 to April 26, EPA and ERRS contractors conducted the following activities:

#### Site Activities - John Street Staging Area

-Treatment of approximately 111,150 gallons of contact water from staging pad sump with mobile wastewater treatment plant;

#### Site Activities - SA5A

- Maintained engineering controls around excavation area during heavy rainfall & high water level conditions;

#### Site Activities - SA3A

- Continued staging area and access road preparation on north & south banks of creek;  
- Staged 18" diameter discharge piping for bypass system construction; and  
- Established access control at E. Michigan Avenue entrance.

#### Site Activities - SA1B&C

- Completed staging area and access road preparation;  
- Completed construction of alternate parking area for businesses near access to SA1C; and  
- Cleared SA1C staging area of debris and scrap metal.

#### Project Management Activities

- Continued meetings with property owners upon request;  
- Started pre-construction surveying in SA1A (suspended due to high water levels);  
- Continued development of draft area-specific restoration plans in SA5A, SA3A, SA1B & SA1C;  
- Continued discussions regarding consent to access from remaining property owners in SA1A;  
- Coordinated with Consumers Energy to remove trees entangled in power lines in SA1C; and  
- Finalized preliminary SA3A Technical Memo (posted to website).

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

See POLREP #1

### **2.1.4 Progress Metrics**

None for this reporting period.

## **2.2 Planning Section**

A summary of removal activities that are anticipated to take place from April 27 to May 10 include:

#### Site Activities - John Street Staging Area

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

#### Site Activities - SA5A

- Maintain engineering controls and dust/noise monitoring around excavation area;  
- Continue contaminated sediment dredging operations in grids SA5A-3 to SA5A-6; and  
- Continue backfilling excavated grids SA5A-1 to SA5A-6 according to Restoration Plan.

#### Site Activities - SA3A

- Mobilize and construct creekwater bypass pumping system; and  
- Continue preparations for installation of sheet pile coffer dams and isolation (groundwater) dewatering system.

#### Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo and 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;  
- Complete preliminary surveying in SA1A;  
- Conduct pre-removal investigatory core sampling in SA1A, SA1B & SA1C; and  
- Continue planning for removal operations in 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 \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$8,389,265.00	\$6,600,000.00	\$1,789,265.00	21.33%
TAT/START	\$400,000.00	\$305,000.00	\$95,000.00	23.75%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$8,789,265.00</b>	<b>\$6,905,000.00</b>	<b>\$1,884,265.00</b>	<b>21.44%</b>

\* 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**

April 15 - 17

U.S. EPA - 3

START contractor - 1

ERRS contractor (EQM, Inc) - 11

TOTAL PERSONNEL = 15

April 18 - 26 (heavy rainfall & high water conditions)

U.S. EPA - 1

ERRS contractor (EQM, Inc) - 2

TOTAL PERSONNEL - 3

#### **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/m<sup>3</sup> - 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 May 10.

#### **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 #25 Last Updated 11/19/2014