

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region V**

**Subject:**           **POLREP #33**  
                           **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:**              8/16/2013

**Reporting Period:** 8/3/2013 - 8/16/2013

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	059B05	<b>Contract Number:</b>	EP-S5-09-05
<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**

Preparations are underway in SA1A for contaminated sediment removal operations, which are anticipated to begin in early September.

#### **2.1.2 Response Actions to Date**

From August 3 to August 16, EPA and ERRS contractors conducted the following activities:

##### Site Activities - John Street Staging Area

- Treated 37,718 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 1,075,368 gallons treated to date;
- Loaded out 144.15 tons of TSCA contaminated sediments for transport and disposal to approved landfill facilities; and
- Conducted work area perimeter air monitoring for dust.

##### Site Activities - SA1A

- Completed construction and securing of staging areas;
- Conducted clearing & grubbing of trees & vegetation on east and west banks; and
- Began installation of creek bypass pump system.
- Began construction of engineering and erosion controls around excavation area.

##### Site Activities - SA1B&C

- Demobilized all equipment, materials and supplies to SA1A or SA1B staging areas;
- Removed temporary roadways in staging area; and
- Conducted temporary restoration activities according to Restoration Plan.

##### Project Management Activities

- Continued weekly updates with City of Kalamazoo and property owners upon request;
- Posted signage closing trail indicating detour along Kalamazoo River Valley Trail adjacent to SA1A;
- Closed off western portion of Rose Park, removed limited vegetation, and temporarily removed electrical infrastructure & boardwalk in work area;
- Received concurrence from U.S. FWS on Indiana Bat survey findings (confirmed absence of species in SA1A);
- Finalized area specific restoration plan for SA1B & SA1C; and
- Began development of area specific restoration plan for SA1A; and

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

See POLREP #1

#### **2.1.4 Progress Metrics**

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
TSCA contaminated sediments	solidified sediment	144.15 tons	010588959JJK - 010588961JJK	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 August 17 to August 29 include:

### Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant; and
- Conduct work area perimeter air monitoring for dust.

### Site Activities - SA1A

- Complete construction of isolation (groundwater) de-watering system;
- Complete construction of creekwater bypass pumping system;
- Complete installation of sheet pile coffer dam to isolate excavation grids; and
- Complete construction of engineering and erosion controls around excavation area.

### Site Activities - SA1B & SA1C

- Complete restoration activities on east bank of creek; and
- Conduct post-excavation survey of creek channel.

### Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Finalize area specific restoration plan for SA1B&C;
- Conduct post-construction sampling in SA1B&C staging areas;
- Conduct post-excavation survey in SA1B&C creek channel;
- Conduct post-construction engineered features survey in SA5A and SA3A.
- Continue development of area specific restoration plan for SA1A.

### 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
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$10,289,265.00	\$8,986,044.00	\$1,303,221.00	12.67%
TAT/START	\$500,000.00	\$406,385.00	\$93,615.00	18.72%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$10,789,265.00</b>	<b>\$9,392,429.00</b>	<b>\$1,396,836.00</b>	<b>12.95%</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**

U.S. EPA - 2  
 START contractor (Weston Solutions) - 1  
 ERRS contractor (Environmental Quality Management, Inc) - 10  
 Matt's Underground Utility Construction - 5  
 Grand Davo Crane - 4  
 Handley's Tree Service - 8  
 Hi-Tech Electric Service - 2

TOTAL PERSONNEL = 32

**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/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  
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 August 29.

## **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>.