

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #31  
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:** 7/19/2013

**Reporting Period:** 7/9/2013 - 7/19/2013

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 was completed in SA1C, grids 1-4 (creek channel). It is anticipated that removal and backfilling operations will be completed in SA1C and SA1B in the next two weeks.

2.1.2 Response Actions to Date

From July 9 to July 19, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 21,076 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 991,663 gallons treated to date;
- Received contaminated sediments excavated from SA1C; and
- Conducted work area perimeter air monitoring for dust.

#### Site Activities - SA1B&C

- Installed upstream & downstream coffer dams to isolate excavation area;
- Completed contaminated sediment dredging operations in grids SA1C-1 to SA1C-4;
- Loaded out excavated sediments and transported to John Street staging pad;
- Began backfilling in grids SA1C-1 to SA1C-4 according to Restoration Plan;
- Began preparations for excavation of grids SA1C-5 and SA1B-4; and
- Conducted work area perimeter air monitoring for dust.

GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION PCB RESULT (mg/kg)
SA1C-1	50	1.14
SA1C-2	49	0.79
SA1C-3	46	0.341
SA1C-4	50	ND

ND: non-detect    dup: duplicate sample location

#### Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Met with City of Kalamazoo, Kalamazoo County, Sunrise Rotary and the Friends of the Kalamazoo River Trailway regarding planning for SA1A operations;
- Completed Technical Memo for dredging operations in SA1A (posted to document section of website);
- Obtained remaining access agreements for properties in SA1A; and
- Solicited bids, awarded and began Indiana Bat presence/absence survey in SA1B and SA1A in coordination with U.S. FWS.

#### **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 July 20 to August 2 include:

#### Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Receive contaminated sediment removed from SA1C and SA1B;
- Load out contaminated sediment for transport and disposal at approved landfill facilities; and
- Conduct work area perimeter air monitoring for dust.

#### Site Activities - SA1B & SA1C

- Complete excavation of contaminated sediments in grid SA1C-5 (floodplain along west bank) & SA1B-4;
- Complete backfill of all excavated grids;
- Begin demobilization of all equipment, materials and supplies to SA1B and SA1A staging areas; and
- Conduct work area perimeter air monitoring for dust.

#### Site Activities - SA1A

- Begin clearing & grubbing activities pending outcome of Indiana Bat presence/absence survey;
- Begin construction of staging area; and
- Begin preparations for installation of isolation dewatering (groundwater) system.

#### Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Finalize area specific restoration plan for SA1B & SA1C;
- Amend Technical Memo for dredging operations in SA1C & SA1B;
- Continue development of area specific restoration plan for SA1A;
- Continue coordination with stakeholders regarding closure of Kalamazoo Valley River Trailway and portions of Veteran's Park in SA1A; and
- Obtain approval of area specific restoration plan for SA5A and begin restoration work (planting) if possible.

#### **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
- Pump ventilation/cooling fans

### **2.4 Finance Section**

No information available at this time.

### **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.

Site tours were provided to groups from Grand Valley State University (July 8) and Western Michigan University (July 9). Approximately 70 students, teachers and technical staff from the universities participated in the tours.

#### **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  
Baker Pumps - 2  
Fulton Trucking - 2

TOTAL PERSONNEL = 17

## **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 2.

## **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>.