

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

**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:** 4/12/2013

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

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 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**

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
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**

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.

#### **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>.