

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #22  
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:** 2/26/2013

**Reporting Period:** 11/1/2012 - 2/26/2013

## 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

Preparations for seasonal mobilization began during this reporting period. Site preparations are underway in SA5A, SA3A and SA1B&C in anticipation of dredging activities during the 2013 construction season. Work is scheduled to begin in SA5A on March 18.

#### 2.1.2 Response Actions to Date

From November 1 to February 26, EPA and ERRS contractors conducted the following activities:

Site Activities - Axtell Creek, SA5D & SA5C

- Completed site restoration activities in accordance with the site Restoration Plan.

Site Activities - Staging Pad

- Pumped out and transported approximately 78,500 gallons of potentially contaminated contact water from the staging pad sump for treatment off site (see Table in Section 2.1.4).

Project Management Activities

- Conducted progress meetings with City of Kalamazoo;
- Conducted data validation for pre-removal confirmation core sampling conducted in SA5A & SA3A as well as post-construction sampling in SA5D & SA5C;
- Conducted data validation of surface water and water treatment samples;
- Reviewed Post-Removal Structure Feature Assessment reports for Axtell Creek, SA5D & SA5C;
- Provided progress update presentation at the January 9, 2013 Allied Paper Inc./Portage Creek/Kalamazoo River Superfund Site Public Meeting
- Continued discussions with property owners in SA3A, SA1C, SA1B and SA1A on consent for property access;
- Obtained consent for access from property owners in SA5A, SA1C & SA1B for site activities;
- Coordinated with property owner(s) in SA3A, SA1B & SA1C regarding tree removal to support access and staging areas;
- Developed and submitted a proposed closure plan for the Dutton Street bridge in SA5A to the City engineer;
- Drafted, updated or revised the SA5/Axtell Creek Technical Memorandum, SA3A Technical Memorandum, Traffic Control Plan, and QAPP; and
- Conducted meetings and site walks with sub-contractors to plan and prepare for 2013 construction season.

**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>
Potentially contaminated run-off water from staging pad	wastewater	78,500 gal	004049406 -004049413	treatment	Industrial Waste Service, Inc, Holland, MI

**2.2 Planning Section**

A summary of removal activities that are anticipated to take place from February 26 to March 29 include:

Site Activities - John Street Staging Area

- Continue to pump out and transport potentially contaminated contact water from the staging pad sump for treatment off site on an as-needed basis;
- Mobilize support equipment and conduct start-up operations of mobile waste water treatment plant; and
- Mobilize heavy equipment and materials to support contaminated sediment staging and load out operations.

Site Activities - SA5A

- Locate utilities in the vicinity of anticipated bypass sump and sheet pile coffer dam locations;
- Close hospital staff parking lot and Dutton Street bridge to vehicular traffic to establish staging area;
- Establish, construct and secure equipment & material staging area;
- Install sheet pile coffer dams;
- Install creek bypass pumping system;
- Install isolation dewatering system; and
- Construct access along creekbank to support dredging equipment & contaminated sediment load out.

Site Activities - SA3A

- Complete additional clearing & grubbing activities in staging and support areas;
- Locate utilities in vicinity of anticipated sheet pile coffer dam installation and soil boring locations; and
- Characterize sub-surface soils along abandoned railroad right-of-way bisecting property through soil borings.

Site Activities - SA1B & SA1C

- Begin clearing & grubbing activities to facilitate access to dredging areas.

Project Management Activities

- Resume weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conduct pre-construction activity roadway inspections;
- Begin development of area specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Conduct pre-construction work area sampling in SA5A & SA3A;
- Conduct pre-construction surveying and benchmark placement in SA5A & SA3A;
- Obtain access agreements from remaining property owners in SA3A, SA1B, SA1C & SA1A;
- Complete draft SA3A Technical memorandum and share with property owners for input;
- Evaluate restoration work conduct in 2012 to determine if any re-plantings, etc are required.
- Finalize revisions to QAPP, SA5/Axtell Creek Technical Memorandum and Traffic Control Plan; 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
- Equipment storage container
- Mixing box (not utilized)
- Mobile wastewater treatment plant (not operational)

**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	\$7,889,265.00	\$5,902,000.00	\$1,987,265.00	25.19%
TAT/START	\$400,000.00	\$282,000.00	\$118,000.00	29.50%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$8,289,265.00</b>	<b>\$6,184,000.00</b>	<b>\$2,105,265.00</b>	<b>25.40%</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 - 3  
ERRS contractor (Environmental Quality Management, Inc) - 1  
Total Tree Service - 5

TOTAL PERSONNEL = 9

#### **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 March 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>.

POLREP #22 Last Updated 11/19/2014