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Portage Creek Area
Kalamazoo, MI - EPA Region V
POLREP #22
Progress

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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: Mark Mills, Michigan DNR
 Daria Devantier, MDEQ
 Bruce Merchant, Kalamazoo City
 Debbie Jung, Kalamazoo City
 Lisa Williams, U.S. FWS
 Todd Goeks, NOAA
 Valencia Darby, Department of Interior

From: Craig Thomas, On-Scene Coordinator

Date: 2/26/2013

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

1. Introduction

1.1 Background

Site Number:	059B05	Contract Number:	EP-S5-09-05
D.O. Number:	0087	Action Memo Date:	7/5/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	NPL	Operable Unit:	05
Mobilization Date:	9/26/2011	Start Date:	8/30/2011
Demob Date:		Completion Date:	
CERCLIS ID:	MID006007306	RCRIS ID:	NA
ERNS No.:		State Notification:	Yes
FPN#:		Reimbursable Account #:	

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

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/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 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>.

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