

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #23
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: 3/29/2013

Reporting Period: 2/26/2013 - 3/29/3013

1. Introduction

1.1 Background

Site Number:	059B05	Contract Number:	EP-S5-08-02
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

The crew re-mobilized to the site to begin preparations for dredging operations in SA5A, SA3A and SA1B&C, which are scheduled to be completed this construction season. Work activities focused on establishing engineering controls to isolate the creek between Dutton Street and Walnut Street in preparation for the start of dredging operations on April 8. In addition, clearing and grubbing activities to create access and establish staging areas continued in SA3A and SA1B&C.

2.1.2 Response Actions to Date

From February 26 to March 29, EPA and ERRS contractors conducted the following activities:

Site Activities - Staging Pad

- Mobilized support equipment;
- Set up mobile waste water treatment plant; and
- Mobilize heavy equipment & materials to support contaminated sediment staging and load out operations.

Site Activities - SA5A

- Located utilities throughout construction area;
- Closed hospital staff parking lot and Dutton Street bridge to vehicular traffic to establish staging area;
- Established, constructed and secured equipment & material staging area;
- Installed sheet pile coffer dams;
- Installed creek bypass pumping system;
- Installed ground water dewatering system; and
- Constructed access along creekbank to support dredging equipment & contaminated sediment load out.

Site Activities - SA3A

- Located utilities in vicinity of anticipated sheet pile coffer dam installation and soil boring locations;
- Characterized sub-surface soils along abandoned railroad right-of-way bisecting property via 2 soil borings;
- Completed additional clearing & grubbing activities in staging and support areas;
- Completed limited grading activities to establish bypass pump staging pad and support vehicle access; and
- Removed 6 truckloads of surface debris resulting from grading activities for disposal.

Site Activities - SA1B & SA1C

- Completed clearing & grubbing activities to facilitate access to dredging areas; and
- Re-secured lot access in SA1C on east and west banks.

Project Management Activities

- Received approval of closure plan for the Dutton Street bridge (SA5A) from the City of Kalamazoo;
- Resumed weekly progress meetings with City of Kalamazoo and affected private property owners;
- Conducted pre-construction activity roadway inspections in SA5A & SA3A;
- Began development of area-specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Conducted pre-construction work area sampling in SA5A & SA3A;
- Obtained access agreement from remaining property owner in SA3A;
- Continued discussions with property owners in SA1C, SA1B and SA1A on consent for property access;
- Completed draft SA3A Technical memorandum and shared with affected property owners for input; and
- Finalized revisions to QAPP, SA5/Axtell Creek Technical Memorandum and Traffic Control Plan.

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	93.02 tons	NTSCA-214-D to NTSCA-220-D	disposal	C&C Landfill, Marshall, MI

2.2 Planning Section

A summary of removal activities that are anticipated to take place from March 29 to April 12 include:

Site Activities - John Street Staging Area

- Begin treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Remove gravel, grade and seed access roadways on south and east ends of staging pad;
- Remove aggregate stockpiles for use in SA5A backfilling operations; and
- Receive contaminated sediments from SA5A dredging operations and load out for disposal.

Site Activities - SA5A

- Maintain engineering controls and water control systems around excavation area;
- Mobilize specialized excavation equipment and GPS control system to support dredging operations;
- Begin contaminated sediment dredging operations in grids SA5A-1 to SA5A-4; and
- Load out contaminated sediments and transport to John Street staging pad for transfer to long haul trucks to landfill.

Site Activities - SA3A

- Continue staging area preparation on north and south banks of creek; and
- Establish access control at north and south staging area entrance/exits.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conduct pre-construction sampling in SA1B & C;
- Conduct pre-construction surveying and benchmark placement in SA5A, SA3A, SA1B&C;
- Continue development of area specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Obtain access agreements from remaining property owners in SA1B, SA1C & SA1A;
- Incorporate comments from property owners on draft SA3A Technical memorandum;
- Establish perimeter dust monitoring system in SA5A;
- Evaluate restoration work conduct in 2012 to determine if any re-plantings, etc are required;

- 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

2.4.1 Narrative

See table

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$7,889,265.00	\$6,261,000.00	\$1,628,265.00	20.64%
TAT/START	\$400,000.00	\$293,000.00	\$107,000.00	26.75%
Intramural Costs				
Total Site Costs	\$8,289,265.00	\$6,554,000.00	\$1,735,265.00	20.93%

* 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
START contractor (Dynamac) - 1
ERRS contractor (Environmental Quality Management, Inc) - 11
Handley's Tree Service - 7
Rain for Rent - 3
Jackson & Merkey Incorporated - 2
Baker Corporation - 3
Fulton Trucking - 2

TOTAL PERSONNEL = 32

5. Definition of Terms

C&D - Construction and Demolition (waste)
ERRS - Emergency and Rapid Response Services
FOOSC - 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 12.

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 #23 Last Updated 11/19/2014