

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #25
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: 4/26/2013

Reporting Period: 4/13/2013 - 4/26/2013

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

Contaminated sediment removal activities were suspended in SA5A between Dutton Street and Walnut Street due to heavy rainfall. Limited site preparations continued in SA3A and SA1B&C. The crew will return and excavation operations will continue once creekwater is pumped out of the SA5A excavation area.

2.1.2 Response Actions to Date

From April 13 to April 26, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

-Treatment of approximately 111,150 gallons of contact water from staging pad sump with mobile wastewater treatment plant;

Site Activities - SA5A

- Maintained engineering controls around excavation area during heavy rainfall & high water level conditions;

Site Activities - SA3A

- Continued staging area and access road preparation on north & south banks of creek;
- Staged 18" diameter discharge piping for bypass system construction; and
- Established access control at E. Michigan Avenue entrance.

Site Activities - SA1B&C

- Completed staging area and access road preparation;
- Completed construction of alternate parking area for businesses near access to SA1C; and
- Cleared SA1C staging area of debris and scrap metal.

Project Management Activities

- Continued meetings with property owners upon request;
- Started pre-construction surveying in SA1A (suspended due to high water levels);
- Continued development of draft area-specific restoration plans in SA5A, SA3A, SA1B & SA1C;
- Continued discussions regarding consent to access from remaining property owners in SA1A;
- Coordinated with Consumers Energy to remove trees entangled in power lines in SA1C; and
- Finalized preliminary SA3A Technical Memo (posted to website).

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See POLREP #1

2.1.4 Progress Metrics

None for this reporting period.

2.2 Planning Section

A summary of removal activities that are anticipated to take place from April 27 to May 10 include:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Continue receiving contaminated sediments from SA5A dredging operations; and
- Commence load out of solidified sediments for transport and disposal at approved landfill facilities.

Site Activities - SA5A

- Maintain engineering controls and dust/noise monitoring around excavation area;
- Continue contaminated sediment dredging operations in grids SA5A-3 to SA5A-6; and
- Continue backfilling excavated grids SA5A-1 to SA5A-6 according to Restoration Plan.

Site Activities - SA3A

- Mobilize and construct creekwater bypass pumping system; and
- Continue preparations for installation of sheet pile coffer dams and isolation (groundwater) dewatering system.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo and 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;
- Complete preliminary surveying in SA1A;
- Conduct pre-removal investigatory core sampling in SA1A, SA1B & SA1C; and
- Continue planning for removal operations in 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

April 15 - 17

U.S. EPA - 3
 START contractor - 1
 ERRS contractor (EQM, Inc) - 11

TOTAL PERSONNEL = 15

April 18 - 26 (heavy rainfall & high water conditions)

U.S. EPA - 1
 ERRS contractor (EQM, Inc) - 2

TOTAL PERSONNEL - 3

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 May 10.

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>.