

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #34
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: 8/30/2013

Reporting Period: 8/17/2013 - 8/30/2013

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

Final preparations continued in SA1A for contaminated sediment removal operations, which are anticipated to begin in mid-September.

2.1.2 Response Actions to Date

From August 17 to August 30, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 11,308 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 1,086,676 gallons treated to date;
- Loaded out 118.14 tons of non-TSCA contaminated sediments for transport and disposal to approved landfill facility; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA5C

- Place additional topsoil, seed & straw in Upjohn Park between Crosstown Parkway and Vine Street to fill in a low spot where standing water was accumulating after heavy rainfall.

Site Activities - SA1A

- Completed construction of downstream sheet pile coffer dam to isolate excavation area;
- Completed construction of isolation dewatering (groundwater) system; and
- Completed construction of creek bypass pumping system.

Site Activities - SA1B&C

- Completed restoration activities on east bank;
- Replaced fencing removed to facilitate equipment access;
- Removed temporary fencing from 645 E. Michigan Avenue lot;
- Completed removal of all equipment, materials and supplies from staging area;
- Removed temporary rock roads in staging area; and
- Graded, seeded and placed straw in staging area.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Finalized draft of area specific restoration plans for SA1A and shared with property owners;
- Conducted post-construction topographic survey in SA1B&C; and
- Conducted post-sediment removal structure feature assessment in SA5A and SA3A and reviewed reports.

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>
TSCA contaminated sediments	solidified sediment	none		disposal	Wayne Disposal, Belleville, MI
Non-TSCA contaminated sediments	solidified sediment	118.14 tons	NTSCA-350 and NTSCA-351	disposal	C&C Landfill, Marshall, MI
C&D Debris	solid waste	52.45 tons	NTSCA-228D and NTSCA-229D	disposal	C&C Landfill, Marshall, MI
Scrap Steel	steel	1.8 tons	WAADYD - WAADYF	recycling	OmniSource

2.2 Planning Section

A summary of removal activities that are anticipated to take place from August 31 to September 13 include:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Receive contaminated sediments excavated from SA1A; and
- Conduct work area perimeter air monitoring for dust.

Site Activities - SA1A

- Maintain operation of creekwater bypass and isolation dewatering (ground water extraction) pump systems;
- Finalize preparations for contaminated sediment removal operations;
- Commence excavation of contaminated sediments from grids SA1A-1 to SA1A-4;
- Solidify and load out contaminated sediments for transport to John Street staging pad;
- Begin receiving and stockpiling of aggregates for creek channel backfill;
- Remove tree stumps from east bank of creek in Rose Park; and
- Conduct work area perimeter air monitoring for dust.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Finalize area specific restoration plans in SA1A;
- Begin development of removal plan for John Street staging pad; and
- Develop dismantlement plan for EPA's mobile wastewater treatment plant.

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
- Mobile light towers

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 - 2
START contractor (Weston Solutions) - 1
ERRS contractor (Environmental Quality Management, Inc) - 11

Matt's Underground Utility Construction - 4
Baker Corporation - 2
Jackson & Merkey Contractors - 3
Rain For Rent - 3
Farm & Garden - 2

TOTAL PERSONNEL = 28

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
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
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 September 13.

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>.