

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #30
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
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Valincia Darby, Department of Interior

From: Craig Thomas, On-Scene Coordinator

Date: 7/8/2013

Reporting Period: 6/22/2013 - 7/08/2013

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

All equipment, materials and supplies were demobilized from SA3A to SA1C & SA1B. Preparations continued for contaminated sediment removal operations in SA1C & SA1B, which are expected to begin the week of July 15.

2.1.2 Response Actions to Date

From June 22 to July 8, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 33,026 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 970,587 gallons treated to date.

Site Activities - SA3A

- Removed all remaining equipment, supplies and materials from area;
- Removed access roadways and performed limited site grading in preparation for restoration activities; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1B&C

- Mobilized all equipment, supplies and materials to staging areas;
- Completed construction of creekwater bypass pumping system; and
- Completed construction of isolation de-watering (ground water extraction) system.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Finalized area specific restoration plan and implementation agreement for SA3A in coordination with property owners;
- Obtained additional access agreements for properties in SA1A & SA1B;
- Solicited bids for clearing and grubbing activities in SA1A & SA1B; and
- Completed Technical Memo for dredging operations in SA1B & SA1C (posted to document section of website).

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	none		disposal	C&C Landfill, Marshall, MI
Scrap Metal	steel	4440 lbs	n/a	recycling	Schupan Industrial Recycling, Kalamazoo, MI
Plastic	empty bottles	40 lbs	n/a	recycling	Best Way Disposal, Inc. Drop-off Center Kalamazoo, MI

2.2 Planning Section

A summary of removal activities that are anticipated to take place from July 9 to July 19 include:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Receive contaminated sediment removed from SA1C; and
- Conduct work area perimeter air monitoring for dust.

Site Activities - SA3A

- Conduct post-construction soil sampling in all work / staging areas.

Site Activities - SA1B & SA1C

- Complete installation of sheet pile coffer dams to isolate excavation area;
- Start-up creekwater bypass and isolation dewatering (ground water extraction) pump systems;
- Finalize preparations for contaminated sediment removal operations;
- Begin receiving and stockpiling of aggregates for creek channel backfill;
- Commence excavation of contaminated sediments from grids SA1C-1 & SA1C-2; 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;
- Continue development of area specific restoration plans for SA1B, SA1C & SA1A;
- Begin development of Technical Memo for dredging operations in SA1A;
- Coordinate with Kalamazoo County & Kalamazoo Sunrise Rotary regarding planned work activities in Veteran's Park to support anticipated SA1A removal operations;
- Obtain approval of area specific restoration plan for SA5A and begin restoration work (planting) if possible; and
- Obtain consent to access from remaining property owner in SA1A.

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

Initially, the overall schedule contemplated excavation of contaminated sediments in SA1A (Portage Creek confluence with Kalamazoo River) during the 2014 construction season. However, if weather conditions remain favorable and other potentially mitigating factors are resolved, excavation of SA1A will be completed in the 2013 construction season.

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.

A tour of the SA1-C excavation area was provided to approximately 20 students and professors from Grand Valley State University and Western Michigan University on July 8.

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
Baker Pumps - 2
Fulton Trucking - 2
Matt's Underground Utility Construction - 5

TOTAL PERSONNEL = 23

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 July 19.

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>.