

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #43
Final
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: 7/14/2014

Reporting Period: 3/28/2014 - 7/11/2014

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:	7/7/2014	Completion Date:	7/11/2014
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

Additional restoration activities and asphalt repairs were completed in SA1A,B&C.

2.1.2 Response Actions to Date

From March 28, 2014 to July 11, 2014, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Recontoured former staging area and loaded out 1094.01 tons of non-TSCA contaminated sediments for transport and disposal at an approved landfill facility.

Site Activities - SA1A&B

- Removed soils from SA1A work area (Grid 7) for transport and disposal as non-TSCA contaminated sediments at an approved landfill facility;
- Conducted additional soil removal/grading activities in SA1A work area as needed;
- Applied seed/fertilizer mixture in areas around restoration plantings and concrete/asphalt repairs;
- Installed erosion control blanket in areas where soil removal/grading/seed/straw applied;
- Repaired sprinkler system at Rose Park on June 30, 2014;
- Removed and repaired (where necessary) silt fence along creek banks;
- Conducted additional restoration plantings as requested by property owner(s), the last of which was completed on July 7, 2014; and
- Conducted invasive species control activities in SA1A on July 11, 2014.

Site Activities - SA1C

- Completed additional asphalt repairs at entrance off E. Michigan Avenue.

Project Management Activities

- Met with remaining individual property owners affected by project to discuss and obtain signatures on close-out document (signed letters obtained from all property owners);
- Replaced impacted 2012 and 2013 restoration plantings;
- Drafted Pre-and Post-Construction sampling report for close out of the SESC permit; and
- Continued review and development of project final report.

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>
Non-TSCA contaminated sediments	solidified sediment (soil)	1094.01 tons	NTSCA-442- NTSCA-445; NTSCA-448 - NTSCA-466	disposal	C&C Landfill, Marshall, MI

Regional Metrics		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	1.8 miles
	Cubic yards of contaminated sediments removed and/or capped	24,500 cubic yards
	Gallons of oil/water recovered	N/A
	Acres of soil/sediment cleaned up in floodplains and riverbanks	21.82
Stand Alone Assessment	Number of contaminated residential yards cleaned up	0
	Number of workers on site	17
Contaminant(s) of Concern	Polychlorinated Biphenyls	
Oil response Tracking		
Estimated volume	Initial amount released	N/A
	Final amount collected	N/A
CANAPS Info	FPN Ceiling Amount	N/A
	FPN Number	N/A
	Body of Water affected	N/A
Administrative and Logistical Factors (Check X where applicable)		
Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	<input checked="" type="checkbox"/> Community challenges or high involvement	Radiological
<input checked="" type="checkbox"/> More than one PRP	<input checked="" type="checkbox"/> Endangered Species Act / Essential Fish Habitat issues	Explosives
AOC	Historic preservation issues	<input checked="" type="checkbox"/> Residential impacts
UAO	<input checked="" type="checkbox"/> NPL site	Relocation
DOJ involved	Remote location	Drinking water impacted
Criminal Investigation Division involved	<input checked="" type="checkbox"/> Extreme weather or abnormal field season	Environmental justice
Tribal consultation or coordination or other issues	Congressional involvement	<input checked="" type="checkbox"/> High media interest
<input checked="" type="checkbox"/> Statutory Exemption for \$2 Million	<input checked="" type="checkbox"/> Statutory Exemption for 1 Year	Active fire present
<input checked="" type="checkbox"/> Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command established	Actual air release (not threatened)

Note: This removal action included on-site treatment and discharge of 1,120,456 gallons of potentially PCB-impacted contact water. An additional 98,000 gallons of contact water were sent off-site for treatment, resulting in a total of 1,218,456 gallons of contact water being addressed by this removal action.

2.2 Planning Section

The only removal activities anticipated to take place after this Final POLREP reporting period include the following:

Project Management Activities

- Complete project final report;
- Complete Pre- and Post-Construction sampling report; and
- Work to finalize costs and close out project contracts.

2.2.1 Anticipated Activities

See above

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

None

2.2.2 Issues

None

2.3 Logistics Section

The resources present on site during this reporting period include:

- ERRS contractors
- ERRS sub-contractor work crews (restoration plantings, asphalt repair, irrigation repair)
- 1 Skid Steer
- 1 Skid Broom attachment
- 1 Long Reach Excavator
- 1 Excavator
- 1 Storage Trailer
- 1 Porta-John

2.4 Finance Section

2.4.1 Narrative

Note: \$2,400,000.00 was deobligated from this project during this reporting period.

2.5 Other Command Staff

2.5.1 Safety Officer

Craig Thomas serves as the safety officer. The HASP is reviewed and signed by all site personnel. All new personnel, including sub-contractors, are provided a site orientation and safety briefing.

2.6 Liaison Officer

Craig Thomas serves as liaison 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

None

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
ERRS contractor (Environmental Quality Management, Inc) - 7
ERRS subcontractor (restoration plantings & plantings inspectors) - 5
ERRS subcontractor (asphalt repair) - 6
ERRS subcontractor (irrigation repair) - 2

TOTAL PERSONNEL = 22

5. Definition of Terms

ERRS - Emergency and Rapid Response Services
FOSC - Federal On Scene Coordinator
HASP - Health and Safety Plan
mg/kg - milligrams per kilogram
mg/m³ - milligrams per cubic meter
MDEQ - Michigan Department of Environmental Quality
NPL - National Priorities List
PCB - polychlorinated biphenyl
ppm - parts per million
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

This is the Final POLREP. No further POLREPs will be generated.

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>.