

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #37**
 Progress
 Portage Creek Area
 059B05
 Kalamazoo, MI
 Latitude: 42.2839750 Longitude: -85.5791570

To:
From: Craig Thomas, On-Scene Coordinator
Date: 10/11/2013
Reporting Period: 9/28/2013 - 10/11/2013

1. Introduction

1.1 Background

Site Number:	059B05	Contract Number:	EP-S5-09-05
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

Backfilling and re-construction of the creek channel and banks was completed in SA1A. All equipment, supplies and materials are being demobilized from SA1A and SA1B support areas. Contaminated sediments excavated from SA1A have been shipped for disposal to an approved facility.

2.1.2 Response Actions to Date

From September 28 to October 11, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 14,321 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 1,120,456 gallons treated to date;
- Loaded out 2,262 tons of TSCA-contaminated sediments for transport & disposal at an approved landfill facility;
- Received, decontaminated, wipe sampled and demobilized heavy equipment; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1A

- Received and stockpiled aggregates to support backfilling operations;
- Completed final backfilling of grids SA1A-1 to SA1A-9 according to Restoration Plan;
- Removed and demobilized isolation (groundwater) dewatering system;
- Removed and demobilized upstream and downstream sheet pile coffer dams;
- Conducted bank stabilization, restoration and temporary seeding;
- Began removing staging and support area equipment, materials and supplies; and
- Conducted work area perimeter air monitoring for dust.

Site Activities - SA1B

- Removed and demobilized creek bypass pumps
- Began demobilizing staging and support area equipment, materials and supplies; and
- Began re-construction, stabilization, restoration and temporary seeding of area.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Conducted landscaping maintenance & irrigation in Rose Park;
- Finalized plans for temporary restoration of John Street staging pad in coordination with property owners;
- Finalized plans to re-construct sections of KRVT boardwalk removed for bypass pumping system;
- Finalized plans for re-opening of KRVT closed due to project in late October;
- Finalized plan for restoration of SA1C (west bank) with property owner;
- Finalized development of site specific restoration plans for SA1A; and
- Continued 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>
TSCA contaminated sediments	solidified sediment	2262 tons	010588962JJK- 010588963JJK; 010331410JJK- 010331455JJK	disposal	Wayne Disposal, Belleville, MI

Tires	rubber	51	NA	recycling	Entech, Inc., White Pigeon, MI
Shipping Pallets	wood	120	none	reuse	Allen Trench Safety

2.2 Planning Section

Removal activities anticipated to take place from October 12 to October 25 include the following:

Site Activities - John Street Staging Area

- Complete treatment of contact water from the staging pad sump with mobile wastewater treatment plant;
- Decontaminate, wipe sample and demobilize remaining heavy equipment;
- Conduct post-construction soil sampling in staging and support areas;
- Remove 'trucks entering highway' signs from Crosstown Parkway;
- Remove staging pad for disposal at approved landfill facility and re-grade area;
- Prepare for demobilization of trailers and offices; and
- Conduct work area perimeter air monitoring for dust.

Site Activities - SA1A

- Remove remaining equipment from staging area(s);
- Remove and cut bypass pump system piping from Rose Park and ship back to vendor;
- Re-construct KRVT decking on boardwalk removed for bypass pump system piping;
- Replace light post removed from Rose Park removed for bypass pump system piping;
- Conduct post-construction sampling in staging and support areas;
- Remove all fencing and rock from staging area(s); and
- Complete temporary restoration and seeding of staging area(s).

Site Activities - SA1B

- Remove remaining equipment from staging area;
- Restore creek bank used for bypass pumping system pump pad.
- Remove temporary fencing; and
- Complete temporary restoration and seeding of staging area.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue weekly landscaping maintenance & irrigation in Rose Park;
- Conduct post-construction structure features assessment in SA1;
- Identify all damaged sidewalk and pavement damages due to project activities and solicit bids for repairs; and
- Solicit bids for final restoration work according to area-specific restoration plans in SA1.

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
- Tire Wash decon pad
- Equipment storage container
- ERRS work crews and subcontractor work crews
- START sampling contractor
- Security subcontractor personnel
- Heavy equipment
- Water truck
- Street sweeper
- 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
- Crane and operator
- Bypass pump subcontractor personnel

2.4 Finance Section

2.4.1 Narrative

See table

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$13,300,000.00	\$10,313,028.00	\$2,986,972.00	22.46%
TAT/START	\$700,000.00	\$479,683.00	\$220,317.00	31.47%
Intramural Costs				
Total Site Costs	\$14,000,000.00	\$10,792,711.00	\$3,207,289.00	22.91%

* 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 Andy 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 Andy Maguire serve as liaison(s) with local officials and interested parties.

2.7 Information Officer

A site tour & interview was provided to a reporter and photographer from Connect, a monthly television show on the Public Media Network on October 1. A 1 hour presentation on the project was provided to 25 students of the Michigan Conservation Stewards Program at the Kalamazoo Nature Center on October 3. A telephone interview was provided to Michigan Public Radio (October 7).

2.7.1 Public Information Officer

See Section 2.6

Signage was ordered to alert KVRT users of the trail re-opening. The signs will be placed along the KVRT when it is re-opened later this month.

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) - 12
 Fulton Trucking - 2
 S&K Trucking - 4
 Jackson-Merkey Contractors, Inc. - 3
 Rain for Rent - 4
 Grand Davo Crane Contractors 2

Baker Pumps - 1

TOTAL PERSONNEL = 30

5. Definition of Terms

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
KRVT - Kalamazoo River Valley Trail
mg/kg - milligrams per kilogram
mg/m³ - milligrams per cubic meter
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 October 25.

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>.