

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #29
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: 6/21/2013

Reporting Period: 6/8/2013 - 6/21/2013

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 and backfilling operations were completed in SA3A, and demobilization of equipment, materials and supplies to SA1C commenced. Preparations are underway for contaminated sediment removal operations in SA1C & SA1B.

2.1.2 Response Actions to Date

From June 8 to June 21, EPA and ERRS contractors conducted the following activities:

Site Activities - John Street Staging Area

- Treated 22,412 gallons of potentially contaminated contact water in EPA's mobile wastewater treatment plant, for a total of 937,561 gallons treated to date;
- Received contaminated sediments excavated from SA3A;
- Loaded out 2395.60 tons of contaminated sediments for transport & disposal at approved landfill facilities;

- and
- Continued work area perimeter air monitoring for dust.

Site Activities - SA5A

- Awaiting property owner approval before implementing site specific restoration plan.

Site Activities - SA3A

- Completed contaminated sediment dredging operations in grids SA3A-7 to SA3A-8;
- Loaded out contaminated sediments and transported to John Street staging pad;
- Completed backfilling in grids SA3A-7 to SA3A-8 according to Restoration Plan;
- Commenced demobilization of equipment, materials and supplies to SA1C staging area; and
- Conducted work area perimeter air monitoring for dust.

| GRID | TOTAL ESTIMATED EXCAVATION DEPTH (in) | FINAL CONFIRMATION PCB RESULT (mg/kg) |
|--------|---------------------------------------|---------------------------------------|
| SA3A-7 | 48 | 0.10 |
| SA3A-8 | 48 | 0.12 |

ND: non-detect dup: duplicate sample location

Site Activities - SA1B&C

- Began mobilizing equipment, supplies and materials to staging area;
- Began construction of isolation de-watering (groundwater) system; and
- Began construction of creekwater bypass pumping system.

Project Management Activities

- Continued weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Obtained approval of draft area specific restoration plan for SA3A;
- Continued discussions with property owners regarding consent to access in SA1A; and
- Continued finalizing Technical Memo for dredging operations in SA1B & SA1C.

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

See POLREP #1

2.1.4 Progress Metrics

| Waste Stream | Medium | Quantity | Manifest # | Treatment | Disposal |
|---------------------------------|---------------------|--------------|------------------------|-----------|--------------------------------|
| TSCA contaminated sediments | solidified sediment | none | | disposal | Wayne Disposal, Belleville, MI |
| Non-TSCA contaminated sediments | solidified sediment | 2395.60 tons | NTSCA-261 to NTSCA-309 | disposal | C&C Landfill, Marshall, MI |

2.2 Planning Section

A summary of removal activities that are anticipated to take place from June 22 to July 8 include:

Site Activities - John Street Staging Area

- Continue treatment of contact water from the staging pad sump with mobile wastewater treatment plant.

Site Activities - SA3A

- Demobilize remaining equipment, materials and supplies to SA1C staging area.

Site Activities - SA1B & SA1C

- Complete construction of creekwater bypass pumping system;
- Begin installation of sheet pile coffer dams to isolate excavation area;
- Complete construction of isolation de-watering (ground water extraction) system;
- Initiate creekwater bypass pumping and isolation de-watering in preparation for contaminated sediment excavation activities; and
- Begin receiving and stockpiling backfill aggregates.

Project Management Activities

- Continue weekly progress meetings with City of Kalamazoo, including property owners upon request;
- Continue development of area specific restoration plan for SA1B & SA1C;
- Finalize Technical Memo for dredging operations in SA1B & SA1C and share with property owners;
- Obtain approval of area specific restoration plan for SA5A and begin restoration work (planting) if possible;
- Finalize area specific restoration plan for SA3A in consultation with property owners; and
- Obtain consent to access from remaining property owners 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

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.

Staff from the Federal Occupational Health regional office performed a safety audit of the site on May 19. No significant issues were identified.

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 - 3
START contractor (Weston Solutions) - 1
ERRS contractor (Environmental Quality Management, Inc) - 11
Baker Corporation - 2
Fulton Trucking - 1
Matt's Underground Utility Construction - 4
Grand-Davo Crane Service - 2

TOTAL PERSONNEL = 24

5. Definition of Terms

C&D - Construction and Demolition (waste)
ERRS - Emergency and Rapid Response Services
FOOSC - 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 8.

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>.