

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Otsego Township Dam Area - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #15
Progress
Otsego Township Dam Area
059B
Otsego Township, MI
Latitude: 42.4601694 Longitude: -85.7199333

To: Douglas Ballotti, EPA
Samuel Borries, EPA
Mike Ribordy, EPA
Jim Saric, EPA
Mark Mills, MDNR
Polly Synk, MDAG
Cyndi Trobeck, City of Otsego
Valincia Darby, U.S. DOI

From: Paul Ruesch, OSC

Date: 5/12/2017

Reporting Period: 4/29/2017 - 5/12/2017

1. Introduction

1.1 Background

Site Number:	059B	Contract Number:	
D.O. Number:		Action Memo Date:	4/6/2016
Response Authority:	CERCLA	Response Type:	PRP Oversight
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	NPL	Operable Unit:	5
Mobilization Date:	8/1/2016	Start Date:	8/1/2016
Demob Date:		Completion Date:	
CERCLIS ID:	MID006007306	RCRIS ID:	
ERNS No.:		State Notification:	DEQ
FPN#:		Reimbursable Account #:	059B

1.1.1 Incident Category

Time Critical Removal Action - PRP Oversight

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

Excavation of contaminated riverbank soils is underway in BRSA 3. Contaminated soils/sediments are being loaded out for transport & disposal at EPA approved landfill facilities. Preparation for excavation activities in BRSA 4 continues.

2.1.2 Response Actions During Reporting Period

The following activities took place during the reporting period:

- Excavation of contaminated soils with confirmation sampling results received from 9 grids in BRSA 3 (see table below for results). There are 17 total grids in BRSA 3, with each grid consisting of approximately 50 lineal feet of riverbank. The target clean-up goal in the riverbank soils is 5 mg/kg total PCBs;

BRSA 3 GRID	TOTAL ESTIMATED EXCAVATION DEPTH (in)	FINAL CONFIRMATION TOTAL PCBs RESULT (mg/kg)
1	18	0.57
2	18	0.59
3	18	0.44
4	18	0.69
5	18	1.20
6	18	0.44
7	18	0.18
8	18	0.043
9	18	ND

ND: Non-detect

Note: Confirmatory sampling takes place immediately following excavation of contaminated soils in accordance with procedures outlined in the Field Sampling Plan and the Technical Memorandum for BRSA 3. Both documents can be found in the 'Documents' Section of the project website.

- Transport/disposal of approximately 352 tons of excavated soils to an EPA approved landfill facility. An estimated 750 cubic yards of contaminated soils have been excavated from BRSA 3 to date;

- Treatment of contact water from contaminated grids and the contaminated soils staging pad in the on site WWTP. Approximately 9400 gallons were treated during the reporting period. Sampling results continue to confirm non-detect levels for total PCBs in treated water;

- Staging of sand bags and construction of approximately 300 feet of coffer dam in BRSA 4 (see photo);

- Daily particulate monitoring (PM10) around the perimeter of BRSA 3 and BRSA 4 with no sustained exceedance off site of particulates above the action level of 1.5 mg/m3;

- Turbidity control measures and monitoring in Kalamazoo River around the BRSA 3-9 excavation area (1 upstream monitor and 2 downstream monitors) with no sustained exceedance of the action level of 50 NTUs above upstream levels;

- Removal and dismantlement of floating ice boom (see photo) in front of temporary WCS; and

- Monitoring & maintenance of the temporary WCS.

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

See PolRep #1

2.1.4 Progress Metrics

Both quantities during the reporting period ('Quantity' column) and totals to date ('Total' column) are included in the table.

Waste Stream	Medium	Quantity	Total	Manifest #	Treatment	Disposal
Cardboard	solid	20 lbs	620 lbs	NA	recycling	Otsego Recycling Center
Plastic	solid	10 lbs	200 lbs	NA	recycling	Otsego Recycling Center
Steel	solid	20 lbs	9100 lbs	various	recycling	Broken Arrow Recycling
Contaminated soil (< 50 ppm* PCBs)	solid	352 tons (est)	7325.91 tons (est)	various	disposal	Republic Ottawa County Farms Landfill, Coopersville, MI
Contaminated soil (> 50 ppm* PCBs)	solid	0 tons	103.91 tons	various	disposal	US Ecology Michigan, Belleville, MI
Contact water	liquid	9400 gal	312,475 gal	NA	on-site WWTP	On-site reuse/discharge to Kalamazoo River

*Note: 1 ppm = 1 mg/kg

2.2 Planning Section

2.2.1 Anticipated Activities

During the next reporting period, the following activities are expected to occur:

- Completion of contaminated riverbank soil excavation in remaining grids of BRSA 3;
- Solidification/staging/transport of contaminated sediments & bank soils for disposal;
- Reconstruction & restoration of excavated grids in BRSA 3;
- Treatment of contact water in the on site WWTP;
- Construction of staging area, stabilization pad & wastewater treatment plant (WWTP) in BRSA 4;
- Installation of sand bag coffer dam and sheet piling to prepare for excavation of contaminated sediments in BRSA 4;
- Operation of dust and turbidity control/monitoring systems; and
- Maintenance/monitoring of the temporary WCS.

2.2.1.1 Planned Response Activities

See Sections 2.2.1 & 2.2.1.2

2.2.1.2 Administrative Activities / Next Steps

- AMEC-FW will provide a revised draft TM for BRSA 4, 6 & 9 incorporating US EPA comments to the BRSA 6 & 9 sections of the document.
- Planning meetings continue on a draft TM for BRSA 7 & 8, which will include plans for removal of the temporary WCS. MDEQ provided feedback on preliminary plans provided by AMEC on the approach in BRSA 7 & 8 on May 12.
- Planning continues on a draft restoration plan for the spillway area adjacent to the temporary WCS. Project staff are coordinating with electric & gas utility companies as well as the Allegan County Roads Commission in planning efforts.

2.2.2 Issues

2.3 Logistics Section

See PolRep #1

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

A safety meeting is held prior to start of work each day. The meeting is led by on-site safety officer(s) representing both Envirocon and AMEC-FW. A 'safety stand down' was held with the entire work crew on May 10 to reinforce safety policies and procedures.

2.5.2 Liaison Officer

2.5.3 Information Officer

- US EPA continues to meet with residents neighboring the project area to provide updates on construction plans for 2017 and answer questions relating to the project.
- Community Involvement coordinator held sessions on May 10 in Otsego and May 11 in Plainwell. A recommendation was made to hold a public meeting in Otsego to provide an update on progress as well as construction plans for 2017.
- A flyer will be distributed door to door to neighbors in the vicinity of BRSA 4 notifying them of increased noise from upcoming sheet pile installation activities.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

See PolRep #1

4. Personnel On Site

On average, the following personnel were present on site during the reporting period:

US EPA - 1
START - 1
Michigan DNR - 1
Michigan DEQ - 1
Envirocon: 24
AMEC-FW: 2
Spicer Group: 1

TOTAL: 31

5. Definition of Terms

AMEC-FW	AMEC Foster Wheeler
BRSA	Bank Removal and Stabilization Area
GC	General Contractor
mg/kg	milligrams per kilogram
MDEQ	Michigan Department of Environmental Quality
MDNR	Michigan Department of Natural Resources
MDOT	Michigan Department of Transportation
OSC	On Scene Coordinator
PCBs	Poly-chlorinated biphenyls
PolRep	Pollution Report
ppm	parts per million
PRP	Potentially Responsible Party
TM	Technical Memorandum
US EPA	United States Environmental Protection Agency
WCS	Water Control Structure
WWTP	Waste Water Treatment Plant

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epaosc.org/otsegodam>

www.epa.gov/superfund/allied-paper-kalamazoo

6.2 Reporting Schedule

The next PolRep will be generated on May 26.

7. Situational Reference Materials

No information available at this time.