

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #36
Progress
Otsego Township Dam Area
059B
Otsego Township, MI
Latitude: 42.4601694 Longitude: -85.7199333

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Date: 3/2/2018

Reporting Period: 2/17/2018 - 3/2/2018

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

Both removal operations and temporary WCS removal are suspended in BRSAs 7 & 8 due to weather conditions and record high water levels. Site monitoring and maintenance, particularly of access roads and soil erosion controls, are ongoing as water levels recede. Load out and transport of contaminated soils resumed.

2.1.2 Response Actions During Reporting Period

BRSA 7

- Transportation and disposal of contaminated soils and sediments (utilizing the staging pad in BRSA 6); and
- Maintenance and repair of stream tube protection measures and access roads.

BRSA 8

- Transportation and disposal of contaminated soils and sediments (utilizing the staging pad in BRSA 9); and
- Maintenance and repair of stream tube protection measures and access roads.

OVERALL SITE

- Transport/disposal of approximately 81 tons of excavated soils to an EPA-approved landfill facility (see Section 2.1.4);
- Turbidity monitoring, air monitoring and water treatment activities are suspended due to weather and flood conditions; and
- Temporary WCS removal activities are suspended due to weather and flood conditions.

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.

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Total</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Cardboard	solid	20 lbs	1250 lbs	NA	recycling	Otsego Recycling Center
Plastic	solid	10 lbs	555 lbs	NA	recycling	Otsego Recycling Center
Steel	solid	0 lbs	27,560 lbs	various	recycling	Broken Arrow Recycling
Contaminated soil (< 50 ppm* PCBs)	solid	81 tons (est)	42,163 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	0 gal	1,834,556 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:

BRSA 6

- Staging pad and WWTP operations to support removal operations in BRSA 7.

BRSA 7

- Access road construction along riverbanks;
- Resume excavation of contaminated riverbank soils and in-stream sediments;
- Treat contact water from contaminated grids, stream tubes and staging pad (located in BRSA 6); and
- Transport contaminated soils & sediments for disposal.

BRSA 8

- Resume excavation of contaminated riverbank soils and in-stream sediments;
- Treat contact water from contaminated grids, stream tubes and staging pad (located in BRSA 9); and
- Transport contaminated soils & sediments for disposal.

BRSA 9

- Staging pad and WWTP operations to support removal operations in BRSA 8.

SITEWIDE

- Operate dust and turbidity control/monitoring systems (as feasible & necessary); and
- Continue removal of temporary WCS from south side of river.

2.2.1.1 Planned Response Activities

See Sections 2.2.1 & 2.2.1.2

2.2.1.2 Administrative Activities / Next Steps

- US EPA approved restoration plan drawings for the area surrounding the temporary WCS on February 26.
- A draft Post Removal Site Control plan was submitted by AMEC-FW for review on March 1.

2.2.2 Issues

Record flood stage levels on the Kalamazoo River (see photos) prevented both contaminated sediment and temporary WCS removal operations. Access road and soil erosion control repairs are being conducted on the river banks as flood waters recede.

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 work start each day by on-site safety officer(s) from Envirocon & AMEC-FW.

2.5.2 Liaison Officer

2.5.3 Information Officer

US EPA and MDEQ officials distributed a flyer door to door to residents and businesses near the construction entrance on River Road at the Otsego Township Dam informing neighbors of increased construction activity and safety considerations.

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:

USEPA - 1
START - 1
MDNR - 1
MDEQ - 1
Envirocon - 20
Milbocker & Sons, Inc. - 0
Spicer Group, Inc. - 0
AMEC-FW - 2

TOTAL: 26

5. Definition of Terms

AMEC-FW	AMEC Foster Wheeler
BRSA	Bank Removal and Stabilization Area
FSP	Field Sampling Plan
MDEQ	Michigan Department of Environmental Quality
MDNR	Michigan Department of Natural Resources
NTU	Nephelometric Turbidity Unit
OSC	On Scene Coordinator
PCB	Polychlorinated Biphenyl
PM	Particulate Matter
PolRep	Pollution Report
PRP	Potentially Responsible Party
START	Superfund Technical Assessment & Response Team (US EPA contractor)
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

<https://response.epa.gov/otsegodam>

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

6.2 Reporting Schedule

The next PolRep will be generated on March 16.

7. Situational Reference Materials

No information available at this time.