

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #32  
Progress  
Otsego Township Dam Area  
059B  
Otsego Township, MI  
Latitude: 42.4601694 Longitude: -85.7199333

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**From:** Paul Ruesch, OSC

**Date:** 1/5/2018

**Reporting Period:** 12/23/2017 - 1/5/2018

1. Introduction

1.1 Background

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

Crews returned from the holiday break to prepare for re-start of removal operations and load out contaminated soils/sediments for disposal. Preparations are also underway for removal of the temporary WCS.

2.1.2 Response Actions During Reporting Period

BRSA 6

- Staging area maintenance.

**BRSA 7**

- Continued transportation & disposal of contaminated soils/sediments (utilizing the staging pad in BRSA 6); and
- Continued maintenance of stream tube protection measures to prevent erosion.

**BRSA 8**

- Continued maintenance of stream tube protection measures to prevent erosion; and
- Continued preparations for removal operations.

**BRSA 9**

- Staging area maintenance; and
- Continued transportation & disposal of contaminated soils/sediment.

**OVERALL SITE**

- Transport/disposal of approximately 200 tons of excavated soils to an EPA-approved landfill facility (see Section 2.1.4).
- Air monitoring was not conducted during the reporting period, and will be limited in extreme cold temperatures.
- Turbidity control measures continue. Turbidity monitors were removed from the river on January 4 to prevent damage from ice. Measurements will continue during excavation operations only utilizing a hand held monitoring instrument.
- Re-starting of on-site WWTPs located in BRSA 6 & 9 (see Section 2.1.4); and
- Monitoring 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.

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Total</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Cardboard	solid	10 lbs	1190 lbs	NA	recycling	Otsego Recycling Center
Plastic	solid	10 lbs	525 lbs	NA	recycling	Otsego Recycling Center
Steel	solid	0 lbs	27,560 lbs	various	recycling	Broken Arrow Recycling
Contaminated soil (< 50 ppm* PCBs)	solid	200 tons (est)	34,051 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	1,746,476 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**

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

**BRSA 7**

- Continue access road construction along riverbanks;
- Continue 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**

- Begin 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**

- Continue backfilling & restoration of excavated riverbank grids;
- Treat contact water from contaminated soils staging pad;
- Continue staging pad and WWTP operations to support removal operations in BRSA 8; and
- Transport contaminated soils & sediments for disposal.

**SITEWIDE**

- Operate dust and turbidity control/monitoring systems (as necessary); and
- Create access for heavy equipment to access 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

- A proposed work plan for removal of the temporary WCS and restoration of the surrounding area is expected from AMEC-FW on January 12.

### 2.2.2 Issues

- Heavy snow and extreme temperatures slowed work progress during the reporting period.  
- Work resumed after the holiday break on January 3, 2018.

## 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

- A tour was provided to students from Michigan Technical University on January 4 and Western Michigan University on January 5.

### 2.5.3 Information Officer

An article on the crew's Christmas gift donation to a local church appeared in the Otsego Union Enterprise on December 28.

## 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  
Envirocon - 12  
AMEC-FW - 2  
  
TOTAL: 16

## 5. Definition of Terms

AMEC-FW	AMEC Foster Wheeler
BRSA	Bank Removal and Stabilization Area
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

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

[www.epa.gov/superfund/allied-paper-kalamazoo](http://www.epa.gov/superfund/allied-paper-kalamazoo)

### 6.2 Reporting Schedule

The next PolRep will be generated on January 19.

## 7. Situational Reference Materials

No information available at this time.