

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #8
Progress
Otsego Township Dam Area
059B
Otsego Township, MI
Latitude: 42.4601694 Longitude: -85.7199333

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From: Paul Ruesch, OSC

Date: 11/25/2016

Reporting Period: 11/10/2016 - 11/23/2016

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

The GC is nearing completion of restoration activities in BRSA 1. Contaminated soils/sediments remaining on site were loaded out for transport & disposal at EPA approved landfill facilities. Decommissioning and demobilization of heavy equipment, supplies and materials continue in BRSA 1, with completion expected in the next few weeks.

2.1.2 Response Actions During Reporting Period

The following activities took place during the reporting period:

- Reconstruction / restoration / inspection of excavated grids in BRSA 1, including plantings (see attached photos);
- Transport / disposal of approximately 945.8 tons of excavated sediments/soils with PCB levels less than 50 ppm to an EPA-approved landfill facility. A total of 7120.64 tons of excavated sediments/soils have been transported from BRSA 1 for disposal to date;
- Transport / disposal of approximately 103.91 tons on excavated sediments/soils with PCB levels exceeding 50 ppm to an EPA-approved landfill facility;
- Treatment of contact water from contaminated grids and contaminated soils staging pad in the on site WWTP. Approximately 39,349 gallons were treated during the reporting period. A total of approximately 303,075 gallons have been treated since the start of the project. Sampling results confirmed non-detect levels for total PCBs in treated water;
- Dismantlement and demobilization of the WWTP from the BRSA 1 staging area. This unit will not be utilized over the winter due to weather considerations;
- Completion of investigatory geotechnical borings to determine the stability of slopes in BRSA 7 (see attached photo);
- Surveying / staking of potential support / staging areas for BRSA 3-9; and
- Daily particulate monitoring (PM10) around the perimeter of BRSA 1 with no detections off site of particulates above the action level of 1.5 mg/m3.

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

See PolRep #1

2.1.4 Progress Metrics

The following materials were managed during the reporting period. Totals to date are also included in the table below.

<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	430 lbs	NA	recycling	Otsego Recycling Center
Plastic	solid	10 lbs	130 lbs	NA	recycling	Otsego Recycling Center
Steel	solid	100 lbs	4670 lbs	various	recycling	Broken Arrow Recycling
Contaminated soil (< 50 ppm* PCBs)	solid	945.80 tons	7120.64 tons	various	disposal	Republic Ottawa County Farms Landfill, Coopersville, MI
Contaminated soil (> 50 ppm* PCBs)	solid	103.91 tons	103.91 tons	various	disposal	US Ecology Michigan, Belleville, MI
Contact water	liquid	39,349 gal	303,075 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:

- Complete restoration of all grids in BRSA 1;
- Restoration of the BRSA 1 staging and support areas in coordination with Michigan DNR;
- Operation of dust control/monitoring systems;
- Continued surveying / staking of potential support / staging areas to support BRSA 3-9;
- Commencement of construction activities in support / staging area in BRSA 3; 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 Next Steps

- Permits will be obtained for anticipated work in the right of way along M-89 for BRSA 3 & 4;
- AMEC-FW will submit a second draft Technical Memorandum for BRSA 2 & 3 by December 9 for review;
- AMEC-FW will present the general approach to field work in remaining BRSA 3 at a meeting on December 16; and
- Consent to Access agreements will be developed and presented to land owners in BRSA 3 to be addressed in 2017.

2.2.2 Issues

None

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

See PolRep #1

2.5.2 Liaison Officer

- A site walk around the M-89 bridge was conducted with MDOT representatives on November 14 to discuss precautions and permitting requirements for conducting removal operations in proximity to the structure; and
- A site tour was conducted for representatives of the Otsego Township Board of Trustees on November 17.

2.5.3 Information Officer

- A site tour was provided to a reporter and photographer from the Kalamazoo Gazette on November 15; and
- A fact sheet is under development for door to door distribution to neighbors explaining work to be conducted over the winter months.

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
Michigan DEQ - 1
Michigan DNR - 1
START - 1
Envirocon: 12
AMEC-FW: 2
Spicer Group: 1
TTL Associates, Inc. (geotechnical drilling contractor): 2

TOTAL: 21

5. Definition of Terms

AMEC-FW	AMEC Foster Wheeler
BRSA	Bank Removal and Stabilization Area
in	inches
mg/kg	milligrams per kilogram
mg/m ³	milligrams per cubic meter
Michigan DEQ	Michigan Department of Environmental Quality
Michigan DNR	Michigan Department of Natural Resources
OSC	On Scene Coordinator
PCBs	Poly-chlorinated biphenyls
PM	Particulate Matter
PolRep	Pollution Report
ppm	parts per million
PRP	Potentially Responsible Party
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>

6.2 Reporting Schedule

As field activities are for the most part completed for 2016, the next PolRep will be generated at the end of December.

7. Situational Reference Materials

No information available at this time.