

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #42
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: 5/25/2018

Reporting Period: 5/12/2018 - 5/25/2019

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

Removal operations continue in BRSA 7 and restoration operations continue in BRSA 8.

2.1.2 Response Actions During Reporting Period

BRSA 6

- Completed removal of staging pad and began restoration of surrounding area; and
- Dismantled and removed WWTP.

BRSA 7

- Transportation and disposal of contaminated soils & sediments;
- Continue re-grading and restoration of riverbanks; and
- Maintenance of stream tube protection measures.

BRSA 8

- Continue re-grading and restoration of riverbanks (see photo).

OVERALL SITE

- Transport/disposal of approximately 364 tons of excavated soils to an approved landfill facility (see Section 2.1.4);
- Dust control measures and particulate monitoring (PM10) around site perimeter with no sustained exceedance of particulates above action level of 1.5 mg/m3;
- In-stream turbidity monitoring with no sustained exceedances observed;
- Shipment of approximately 16,945 gallons of contact water from contaminated grids and/or contaminated soils staging pad at BRSA 7 to an approved off-site treatment facility (see photo & Section 2.1.4);
- Spraying for invasive plants in all BRSAs (see photo);
- Commenced construction of an irrigation system in all completed BRSAs for planted native plants/grasses; and
- Continued restoration activities (grading, contouring) of area at former 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 | 1440 lbs | NA | recycling | Otsego Recycling Center |
| Plastic | solid | 10 lbs | 635 lbs | NA | recycling | Otsego Recycling Center |
| Metals | solid | 620 lbs | 41,296 lbs | various | recycling | Broken Arrow Recycling |
| Contaminated soil (< 50 ppm* PCBs) | solid | 364 tons (est) | 49,960 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 | 2,013,046 gal | NA | on-site WWTP | On-site reuse/discharge to Kalamazoo River |
| Contact water | liquid | 16,945 gal | 16,945 gal | various | off-site WWTP | Liquid Industrial Waste, Holland, MI |

*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 restoration of staging area.

BRSA 7

- Continue access road construction along riverbanks into remaining riverbank grids and stream tubes;
- Continue excavation of contaminated riverbank soils and in-stream sediments;
- Re-construct and restore riverbanks;
- Collect contact water from contaminated grids, stream tubes and staging pad in temporary storage tanks;
- Transport contact water from temporary storage tanks for treatment at off-site WWTP; and
- Transport contaminated soils & sediments for disposal.

BRSA 8

- Continue re-construction and restoration of riverbanks.

SITEWIDE

- Operate dust and turbidity control/monitoring systems;
- Commence river channel contouring with specialized excavator; and
- Continue restoration of area surrounding the former temporary WCS and auxiliary spillway.

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 driveway permit application was submitted to Allegan County Roads Commission for a new entrance off of River Road into the BRSA 8 / former auxiliary spillway area on May 24;

- AMEC-FW submitted final draft restoration figures for construction entrances at BRSA 3, 6, 7, 8, 9, the former auxiliary spillway area, and the Command Center on May 22. The plans were approved with comments by US EPA on May 23.
- US EPA provided comments on a draft Post-Removal Site Control Plan to AMEC-FW on May 25. This plan provides plans for monitoring and maintenance of restored areas once work is completed to ensure riverbanks are stable and native plantings survive.

2.2.2 Issues

Excessive rainfall and corresponding elevated river levels delayed work for several days.

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. Site surveillance is being conducted during weekends to discourage trespassing into work areas and restored river bank areas. A 'man down' drill was held on May 22 in BRSA 8, with Otsego Fire Department and Emergency Medical Services responding. The exercise was a drill only and no one was actually hurt.

2.5.2 Liaison Officer

A site tour was provided to 15 members of the Kalamazoo River Watershed Coalition on May 21.

2.5.3 Information Officer

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 - 36
 ProAct Services - 2
 Grand Rapids Irrigation - 2
 Milbocker & Sons, Inc. - 2
 Cardno - 2
 K & D Industries West Inc. - 2
 Spicer Group, Inc. - 1
 AMEC-FW - 2

TOTAL: 53

5. Definition of Terms

| | |
|---------|--|
| AMEC-FW | AMEC Foster Wheeler (Wood Group) |
| BRSA | Bank Removal and Stabilization Area |
| 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 June 8.

7. Situational Reference Materials

No information available at this time.