

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Thursday, June 4, 2009

From: Brian Schlieger

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Subject: Removal

Tittabawassee River- Exposure Unit 002
5700 West Michigan Avenue, Saginaw Township, MI
Latitude: 43.4028000
Longitude: -84.0308000

POLREP No.:	2	Site #:	B5KF
Reporting Period:	5/22 - 6/4/2009	D.O. #:	
Start Date:	3/24/2009	Response Authority:	CERCLA
Mob Date:	4/27/2009	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

EU002 is in Saginaw Township, Saginaw County, Michigan, and is contaminated with dioxins and furans from Dow Chemical Company's Midland Plant.

EU002 is located along West Michigan Avenue and is generally located approximately 7 miles to the west and 1 mile to the south of the intersection of Interstate 75 and State Route 46 in Saginaw, Saginaw County, Michigan. EU002 is approximately 3,000-foot long by 500-foot wide area along the northeast bank of the Tittabawassee River, 3 miles upstream of the confluence of the Tittabawassee and Shiawassee Rivers. EU002 includes a 5-acre public park named West Michigan Park (WMP); a condominium complex located directly adjacent to and west of WMP; several residential properties directly adjacent to and east of WMP. Site activities will be concentrated to the areas of WMP; two elevated contamination areas near single condominiums and four elevated contamination areas near single-family residents (ECAs); and a moderate-use zone (MUZ) in several areas located on the wooded portion of the residential properties. EU002 is located approximately 15 miles down river from the Midland Plant.

Current Activities

Friday, May 22, 2009, soil excavation and hauling activities continue.

May 23 through May 25, no site activities were conducted and site security monitored the site.

Tuesday, May 26, 2009, soil excavation and hauling activities are completed on approximately 80% of WMP area. Installation of demarcation layer begins in locations where 1 foot of soil has been removed and backfilling with clean fill begins.

Wednesday, May 27 and 28, 2009, no site activities were conducted due to rain.

Friday, May 29, 2009, demarcation installation and backfilling activities resume.

Saturday, May 30, 2009, demarcation installation and backfilling activities continue.

During Week 1 of the reporting period, 5,664 tons of contaminated soils were transported to the disposal facility.

Sunday, May 31, 2009, no site activities conducted and site security monitored the site.

Monday, June 1, 2009, demarcation installation and backfilling activities resumed in the morning and site activities stopped after the morning due to rain.

Tuesday, June 2, 2009, demarcation and backfilling activities finished along areas within WMP that has been graded. Soil excavation resumes in small section in northwest corner of WMP and soil is piled for removal. Crew taking steps to minimize soil trackout by backfill trucks by laying woodchips along truck path.

Wednesday, June 3, 2009, soil excavation activities continue along remaining 20% of WMP and hauling activities resume. Shoreline sloping, demarcation, and backfilling activities begin.

Thursday, June 4, 2009, Soil removal, backfilling, and shoreline activities continue. Installation of turf matting and rock toe and application of hydroseed begins along shoreline.

During Week 2 of the reporting period, 4,444 tons of contaminated soils have been transported to the disposal facility.

Security continues to keep trespassers from entering the park during non-working hours.

Planned Removal Actions

Removal of gravel drive and parking lot and paving will be conducted after completion of excavation/backfilling of the park. After the vegetation has been re-established, re-installation of park equipment will begin and the park will be re-opened to the public.

Next Steps

It is anticipated that activities for ECA and MUZ areas and institute barrier control plan will begin.

Key Issues

Dust and turbidity monitoring will continue at the site until excavation and fill activities have been completed at the site. Only one exceedence from dust monitoring was recorded however, it was documented to be unrelated to activities associated with the site.

A Post Removal Site Control plan will be finalized for EU002 to conduct sampling and monitor the integrity of the cleanup after flood events. Schedule and completion date are subject to weather conditions.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Contaminated soils are being transported to Waste Management's People's Landfill located in Birch Run, Michigan for disposal.

Waste Stream	Quantity	Manifest #	Disposal Facility
Dioxin-contaminated soils	14,933 Tons	Through 6/4/2009	People's Landfill Birch Run, MI

response.epa.gov/TittabawasseeRiverEU002

POLREP #2 Last Updated 6/17/2009