

**United States Environmental Protection Agency**  
**Region V**  
**POLLUTION REPORT**

**Date:** Thursday, June 25, 2009

**From:** Brian Schlieger

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

<b>POLREP No.:</b> 4	<b>Site #:</b> B5KF
<b>Reporting Period:</b> 6/19-6/25/2009	<b>D.O. #:</b>
<b>Start Date:</b> 3/24/2009	<b>Response Authority:</b> CERCLA
<b>Mob Date:</b> 4/27/2009	<b>Response Type:</b> Time-Critical
<b>Demob Date:</b>	<b>NPL Status:</b> Non NPL
<b>Completion Date:</b>	<b>Incident Category:</b> Removal Action
<b>CERCLIS ID #:</b>	<b>Contract #</b>
<b>RCRIS ID #:</b>	

#### **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**

June 19 through June 21, no site activities were conducted and site security monitored the site. No activities on June 19 were conducted due to saturation of site.

Monday, June 22, 2009, soil excavation is complete at WMP and hauling activities continue. Backfilling begins at WMP driveway to replace 6 inches of soil that has been removed. Grading to prepare for hydroseeding resumes. Removal of soil and installation of barrier begins at ECA-01.

Tuesday, June 23, 2009, Backfilling within driveway and grading activities continue. Demarcation, backfilling and grading activities resume within WMP. Hauling of contaminated soil to landfill is complete. ECA-01 barrier installation continues.

Wednesday, June 24, 2009, Backfilling within driveway and WMP are complete and grading activities continue. Application of hydroseed resumes within graded areas of WMP and original benches and gate are installed.

Thursday, June 25, 2009, Grading and hydroseeding activities continue and installation of playground perimeter begins. Above-ground temporary irrigation for WMP hydroseeded areas installed.

During the reporting period, 668 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 activities within WMP complete. Barrier control plan complete at ECA-01, ECA-02, and ECA-06. 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

Continue barrier control plan implementation of ECAs 03, 04 and 05. Additionally, evaluation of property usage of the moderate use zone (MUZ) will begin.

#### Key Issues

Dust and turbidity monitoring are complete. Only one exceedence from dust monitoring was recorded however, it was documented to be unrelated to activities associated with the site. Turbidity remained at background levels during site activities. 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
<b>Extramural Costs</b>				
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$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	17,310	Through 6/23/2009	People's Landfill Birch Run, MI

[response.epa.gov/TittabawasseeRiverEU002](http://response.epa.gov/TittabawasseeRiverEU002)

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