

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Thursday, June 18, 2009

From: Brian Schlieger

Subject: Removal

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

POLREP No.:	3	Site #:	B5KF
Reporting Period:	6/5-6/18/2009	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, June 5, 2009, installation of demarcation layer continues in locations where 1 foot of soil has been removed and backfilling with clean fill continues. Installation of turf matting and rock toe and application of hydroseed continues along shoreline.

June 6 through June 10, no site activities were conducted and site security monitored the site. No activities from June 8 through June 10 were conducted due to rain.

Thursday, June 11, 2009, Installation of landscaping stone began at Property A (ECA locations 01 and 02).

Friday, June 12, 2009, installation of landscaping stone for barrier continues at ECA-02 and barrier is installed at ECA-06. Demarcation and backfilling activities continue at WMP.

Saturday, June 13, 2009, landscaping activities continue at ECA-02.

Sunday, June 14, 2009, no site activities were conducted and site security monitored the site.

Monday, June 15, 2009, Barrier installation at ECA-02 complete. Demarcation, backfilling, and shoreline activities resume at WMP.

Tuesday, June 16, 2009, soil excavation and hauling activities resume along remaining 20% of WMP. Landscaping and hydroseeding begins within northwest section of WMP that has been backfilled and graded. Demarcation, backfilling, and shoreline activities continue.

June 17 through June 18 2009, no site activities conducted due to rain.

During the reporting period, 1,708 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 remaining 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

Continue barrier control plan implementation of ECAs 1-5. Additionally, evaluation of property usage of the moderate use zone (MUZ) 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.

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	16,641 Tons	Through 6/18/2009	People's Landfill Birch Run, MI

response.epa.gov/TittabawasseeRiverEU002