

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Thursday, August 20, 2009

From: Brian Schlieger, On-Scene Coordinator

Subject: ECA Barrier Controls Complete, Park Re-opened
Tittabawassee River- Exposure Unit 002
5700 West Michigan Avenue, Saginaw Township, MI
Latitude: 43.4028000
Longitude: -84.0308000

POLREP No.:	6	Site #:	B5KF
Reporting Period:	7/18-8/20/2009	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

July 18 through 20, no site activities were conducted.

Tuesday, July 21, 2009, barrier controls including demarcation fabric and landscape stone were completed for ECA's 03, 04, and 05.

July 22 through 30, no site activities were conducted, WMP hydroseeded areas continue to be watered and maintained.

Friday, July 31, 2009, MUZ meeting conducted at Property J.

August 1 through 5, no site activities were conducted, WMP hydroseeded areas continue to be watered and maintained.

Thursday, August 6, 2009, Follow-up MUZ meeting conducted at Property F.

Friday, August 7, 2009, Follow-up MUZ meeting conducted at Property G. Site trailer demobilized.

August 8 through 11, no site activities conducted, WMP hydroseeded areas continue to be watered and maintained.

Wednesday, August 12, 2009, MUZ barrier control installation of stonecrete over walking path at Property G begins. Follow-up MUZ meeting conducted at Properties D and E.

Thursday, August 13, 2009, MUZ barrier control complete at Property G and MUZ barrier control

installation of stonecrete over walking path begins at Property D.

August 14 through 16, no site activities were conducted, WMP hydroseeded areas continue to be watered and maintained.

Monday, August 17, 2009, playground area drainage tile is installed and playground equipment installation begins. Follow-up MUZ meeting conducted at Property J.

Tuesday, August 18, 2009, playground equipment installation complete. Second follow-up MUZ meeting conducted at Property E.

Wednesday, August 19, 2009, MUZ barrier control installation of stonecrete over walking path at Property J completed. Playground area mulch installed, MUZ area survey completed and removal of temporary site irrigation begins.

Thursday, August 20, 2009, removal of temporary site irrigation complete and grills and picnic tables installed.

Friday, August 21, 2009, WMP perimeter fencing removed and park re-opened.

Planned Removal Actions

Removal activities within WMP complete and vegetation has been re-established and park is re-opened to the public. Additional maintenance and care of native plantings area will continue until fully established. Barrier control plans complete at all ECA locations and barrier control plans continue at MUZ areas.

Next Steps

Continue barrier control plan implementation of MUZ areas.

Key Issues

Total soil removal tonnage has been amended to include 60.45 tons that was missed from 6/16/2009 for a total of 17,370 tons. 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 and property owner approval of barrier control plans.

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	17,370 tons	Through 7/17/2009	People's Landfill Birch Run, MI

response.epa.gov/TittabawasseeRiverEU002