

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

**Date:** Friday, August 24, 2007  
**From:** James Augustyn/Brian Schlieger

**To:** Jason El-Zein, USEPA Al Taylor, MDEQ  
Rick Karl, USEPA Mike Chezik, DOI  
Jeff Cahn, USEPA

**Subject:** Tittabawassee River Reach J/K  
Tittabawassee River Reach J/K  
Midland, MI  
Latitude: 43.5719000  
Longitude: -84.2006000

<b>POLREP No.:</b>	3	<b>Site #:</b>	B5KF
<b>Reporting Period:</b>	8/17/07 to 8/23/07	<b>D.O. #:</b>	
<b>Start Date:</b>	8/6/2007	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	8/6/2007	<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	MID980994354	<b>Contract #</b>	
<b>RCRIS ID #:</b>			

## Site Description

On June 27, 2007, U.S. EPA ordered The Dow Chemical Company (Dow) to negotiate an Administrative Order on Consent, to address removal of extremely elevated levels of dioxin-contaminated soil from an eroding river bank within Reach JK of the Tittabawassee River near Midland, Michigan. Dow agreed to the terms of the Order and on July 12, 2007, the Order was signed by the Regional Administrator and Dow. For additional background information please see the site profile.

Reach JK will be divided into two areas. The area along the river bank where contaminated soil will be excavated will be designated JK-1, and an area further back from the river bank where clean soil will be used to cap contaminated soil will be designated JK-2.

On-Scene Coordinator (OSC) Brian Kelly provided oversight with assistance from U.S. EPA's START Contractor, Weston Solutions, Inc.

## Current Activities

The following tasks have been completed by Dow's contractor during the period from August 17 – 23, 2007:

- Removing and chipping of tree stumps along the river bank in order to access the excavation area of JK-1.
  - Hauling of logged trees off site.
  - Installation of turbidity curtain in the river along the shoreline.
  - Installation of the silt fence around the areas of the site in which soils will be disturbed.
  - Installation of the truck and personnel decontamination stations.

The following tasks are currently on going:

- Excavation of impacted soils at JK-1. Excavation activities started on August 17, 2007.
  - Transportation and off site disposal of impacted soil from the JK-1 excavation area to the Salzburg Landfill.
  - Installation of chain link security fence around the wooded area of JK-2.

## Planned Removal Actions

The following tasks are planned to be implemented:

- The collection and laboratory analysis of soil samples from an off site source of topsoil which will be

used to cap the non-wooded area of JK-2.

- The collection and laboratory analysis of post removal soil samples from the JK-1 area after the impacted soils have been removed to the designed depth. These post removal soil samples will be collected as excavation activities progress.
- The addition of additional earthmoving equipment, trucks and personnel in order to expedite the JK-1 excavation schedule.

#### **Next Steps**

Submittal of the Restoration Plan to the U.S. EPA for review and approval. U.S. EPA will provide the plan to the Trustees for comment.

#### **Key Issues**

None

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