

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Tuesday, July 4, 2006

From: Jeffrey Kimble

To: Ken Podolski, St Clair Shores Joe Walczak, MDEQ
Tony Martig, US EPA

Subject: St Clair Shores Drain
St Clair Shores, MI
Latitude: 42.4867000
Longitude: -82.8989000

POLREP No.:	3	Site #:	B5BP
Reporting Period:		D.O. #:	0062
Start Date:	5/15/2006	Response Authority:	CERCLA
Mob Date:	5/15/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	68-S5-03-06
RCRIS ID #:			

Site Description

The St Clair Shores PCB Drain Site is located in St Clair Shores, Michigan. The site encompasses a several block area where polychlorinated biphenyls have been documented to be present in significant quantities in an underground utility corridor. The PCBs constitute a potential threat to the environment. The storm sewer is approximately 15 feet underground. The PCBs are migrating into the storm sewer which empties into two canals connected to Lake St Clair.

US EPA has initiated a time-critical removal action to trap the PBCs in place and to also remove PCB-contaminated soils from several surface locations identified by the Michigan Department of Environmental Quality.

See Polrep 1 for further details.

Current Activities

- On Sunday, June 25th, 2006, no site work occurred.
- On Monday, June 26th through Wednesday, June 28th 2006, removal of PCB contaminated surface soils and confirmation sampling for surface soil continued. Backfilling of previously excavated areas with clean soil continued.
- On Thursday, June 29th 2006, disposal of PCB contaminated soils to an approved landfill (Carlton Farms) was initiated. Approximately 180 tons of soils were transported off site for disposal.
- On Friday, June 30th 2006, disposal of PCB contaminated soils at an off-site disposal facility continued. Backfilling of excavation areas continued.
- On Saturday, July 1st 2006, excavation activities continued. Excavation activities are near completion.
- On Sunday, July 2nd 2006, no site work occurred.

Planned Removal Actions

- EPA will complete excavation of PCB contaminated surface soils
- EPA will continue to stage the PCB contaminated soil at 19600 Pleasant Road, St. Clair Shores, MI. A staging pad was built in this area to eliminate any risk of run-off or cross-contamination from the staged soil.
- During the sewer cleaning, EPA will dewater and jet-vacuum isolated sections of the sewer prior to commencing CIPP work.
- After the sewer cleaning activities are complete EPA will install CIPP in the sewer. The subcontractor for this work will pre- and post-video the pipe and also conduct all appropriate tests on the installed material.
- Jet Grouting will take place in three pre-determined areas around the sewer pipe to trap the PCB contamination in place. Each area will be grouted to a depth of 30 feet starting from the bottom and extending to the surface.

Next Steps

- Continue to backfill all excavation areas and re-seed those areas.
- Dispose of staged PCB-contaminated soil.
- Excavation activities are anticipated to be complete next week.
- Install CIPP.
- Document remaining issues once this time-critical removal is complete.

Key Issues

- EPA is excavating surface soil contaminated with PCB only in residential and public access areas.
- PCBs on the property of an operational business were documented by MDEQ. MDEQ has issued the business a Due Care letter to control the contamination.
- ***** ERRS costs below include awaits for CIPP installation and other costs.***** Additional dollars to complete site work are anticipated above what has been allocated, but within the Action Memo budget.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Low level PCB-contaminated soil	30 yards	0001	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0002	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0003	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0004	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0005	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0006	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0007	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0008	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0009	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0010	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0011	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0012	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0013	Carleton Farms Landfill
Low level PCB-contaminated soil	30 yards	0014	Carleton Farms Landfill

response.epa.gov/stclairshoresdrain