

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, April 3, 2006

From: Tom Cook

To:	Sally Jansen, U.S. EPA	Stephen Mendoza, U.S. EPA
	Afif Marouf, U.S. EPA	Dave Graham, City of Chicago
	Bruce Everetts, Illinois EPA	Sarah Meyer, WESTON

Subject: Ongoing Site Activities
Ingersoll Removal
1000 W 120th street, Chicago, IL
Latitude: 41.6764000
Longitude: -87.6469000

POLREP No.:	4	Site #:	B5CW
Reporting Period:	3/22/06 TO 3/31/06	D.O. #:	0057
Start Date:	1/18/2006	Response Authority:	CERCLA
Mob Date:	1/18/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	68S50306
RCRIS ID #:			

Site Description

The detailed site description can be found in POLREP #1

Current Activities

March 22, 2006 through March 31, 2006:

Continued performing general debris consolidation activities on the main floor and basements of buildings 912, 914 and 924. Excavated debris from three subsurface trenches in building 912 (total eight). Began covering all manholes, trenches and pits. In building 924 basements, dewatered 12,000 gallons of water and oil from the west basement (total 61,000 gallons), removed floor grates from the north basement, hand-excavated sludge beneath the grates into drums, decontaminated all surfaces (floor, walls, piping, stairs, grates) in the north basement by applying a degreasing solution and utilizing a pressure washer, and continued the removal of AST piping.

All rinsate water generated during pressure washing and oily water removed from the basements were transferred to the on-site non-TSCA temporary waste water trench (WWT) containment. A total of 118,750 gallons of water/ oil and rinsate were transferred to the WWT for temporary storage. On March 29 and 30, 2006, 30,000 gallons of wastewater from the WWT were hauled by H2O Waste Management Services to ISK Magnetics in Valparaiso, Indiana for treatment.

Air Sampling and Monitoring:

On March 22, 2006, START collected the third day of 8-hour lead and asbestos air samples from the breathing zone of an ERRS operator and laborer during start-up of work activities in building 912 and 914. Lead and Asbestos samples are collected for three days in each building. Analytical results have indicated that all levels of lead and asbestos in air are below permissible exposure levels. Due to the continuous change in work activities and the number of interconnected buildings on site, the OSC determined that level of PPE (level C) will not be downgraded.

START conducted daily air monitoring using a personal data RAM (PDR) and a MultiRae® five-gas photo-ionization detector (PID). All PDR readings were below nuisance dust permissible exposure levels. MultiRae® readings for volatile organic compounds (VOCs), carbon monoxide (CO), hydrogen sulfide (H2S) and lower explosive limit (LEL) have been non-detectable and oxygen level has been at 20.9%.

Water Sampling:

No water samples were collected during this reporting period.

Wipe Samples:

START collected seven wipe samples from excavated trenches in building 912, to determine the presence of PCBs. Two out of the seven wipe samples had detections of PCBs. All trenches will be pressure washed and degreased.

Solid Samples:

START collected four composite samples from the excavated trench material in building 912. Samples were sent to the laboratory for PCB analysis. Two out of the four samples had detections of PCBs. Samples will be analyzed for Illinois disposal parameters and consolidated for disposal.

For additional information regarding site removal activities and sampling, see the Summary of Activity and Samples table in the documents section.

Planned Removal Actions

To mitigate the threats to human health and the environment posed by conditions at the Former Ingersoll Site, the U.S. EPA plans to:

- Fortify and maintain site security to prohibit the public from entering the site;
- Evaluate the nature of liquid in on-site sumps, pits, vaults, basements, and manholes, and remove and dispose of contaminated liquid and sediment from those areas;
- Evaluate transformer pads for PCB contamination and remove those pads that are contaminated;
- Decontaminate surfaces contaminated with PCBs; and
- Evaluate the exposure of nearby populations to asbestos fibers that may migrate from the site property and remove the ACM from the site.

Next Steps

- Continue stockpiling debris and floor scrapings from within facility buildings;
- Continue the extent of contamination survey of on-site sumps, pits, vaults, basements, and manholes containing liquid;
- Continue de-watering contaminated liquid from sumps, pits, vaults, basements, and manholes;
- Continue power washing surfaces, excavation of pits and trenches, and backfilling open pits and trenches;
- Continue with ACM removal;
- Continue collecting air samples for lead and asbestos from worker breathing zones;
- Continue to document site activity and conditions;
- Evaluate analytical results from samples collected on-site as they become available; and
- Transportation and disposal of liquid and solid waste.

Key Issues

- Meeting transportation and disposal analytical requirements for debris and floor scrapings that have been stockpiled;
- Handling contents of on-site sumps, pits, vaults, basements and manholes that may contain standing or running liquid with potentially elevated levels of toxic and hazardous constituents
- Cover all manholes, pits and trenches

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	032906-1	ISK Magnetix 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	032906-2	ISK Magnetix 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	032906-3	ISK Magnetix 4901 Evans Ave. Valparaiso, IN

Non RCRA, Non DOT Regulated Waste Water	5,000 gal	032906-4	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	033006-1	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	033006-2	ISK Magnetics 4901 Evans Ave. Valparaiso, IN

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