

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, April 24, 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.:	6	Site #:	B5CW
Reporting Period:	April 11, 2006 through April 21, 2006:	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

April 11, 2006 through April 21, 2006:

Continued performing general debris consolidation activities on the main floor and basements of buildings 912 and 924. Excavated debris from six furnace pits in building 924. The debris was consolidated into a non-TSCA pile. The AST located north of building 924 was moved to the back of the property, east of building 1018A. Dewatered 10,000 gallons of water and oil from the west basement of building 924 (total 77,000 gallons). Pressure washed and degreased building 924 west basement. In building 912, dewatered 44,000 gallons of water and oil from the basement and pits, and started wet sweeping of the main floor. In building 914, dewatered 16,000 gallons of water and oil from the basement (total 44,500).

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 194,750 gallons of water/ oil and rinsate were transferred to the WWT for temporary storage. During this POLREP period, a total of 10,000 gallons of wastewater from the WWT were hauled by H2O Waste Management Services to ISK Magnetics in Valparaiso, Indiana for treatment and a total of 86,909 gallons of wastewater from the WWT were hauled by Clean Harbors to there facility on Stony Island in Chicago, Illinois for treatment. An overall total of 171,909 gallons of wastewater from the WWT has been hauled off site for treatment. A total of eighteen 20yd3 roll-off boxes containing non-TSCA debris from excavated pits and surfaces in building 1014, 1012, 912, and 924 were hauled off site to Allied Waste's Newton County Landfill in Brook, Indiana for disposal.

Asbestos removal was completed in building 513 and 413. On April 19, 2006, Asbestos removal and debris consolidation from the floor surfaces began in building 412. Prior to start-up of each building, ERRS personnel prepared the work area with asbestos signs and caution tape. A temporary shower was staged in the decontamination zone. The ERRS crew started by wetting the entire floor and removing all loose ACM from the floor, shovels were being used to place the ACM in asbestos bags. Once all the ACM was removed from the floor, a bobcat was utilized to consolidate all the debris, and then ACM removal from overhead piping was conducted. A total of 1,525 linear feet of ACM was removed from the overhead pipes in building 513, and 1,200 linear feet of ACM was removed from the overhead pipes

in building 413. All bags containing ACM were properly labeled and placed in a lined roll-off box.

On April 20, 2006, the City of Chicago Department of Water was onsite to shut-off the water main valve (s) that goes to the site. It is apparent that there is a water leak on the west side of the site. Visible clear water has been gushing into two manholes near the spray pond area and the fire hydrant. The city tightened two water main valves to attempt stop the subsurface water leak, but was unsuccessful. Another call has been made to the City of Chicago Department of Water.

Air Sampling and Monitoring:

During this POLREP period, START collected daily asbestos air samples from the breathing zone of ERRS laborers and the perimeter of building 513, 413 and 412, where asbestos removal activities were performed. Asbestos air samples were collected from two ERRS labors and four from around the perimeter of the subject building, covering all four directions. Analytical results have indicated that all levels of asbestos in air are below permissible exposure levels and the perimeter sample results are below U.S. EPA residential 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%.

Liquid Sampling:

On April 14, 2006, START collected one oil/water composite sample and a duplicate from the drums containing product from building 924 AST. In addition, START collected a composite sample from the drums containing product from the basement of building 924.

Wipe Samples:

No wipe samples were collected during this reporting period.

Solid Samples:

On April 14, 2006, START collected one composite sample and a matrix spike and matrix spike duplicate from the debris excavated from the three west furnace pits in building 924, and one composite sample from the debris excavated from the three east furnace pits in building 924.

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
- Covering all manholes, pits and trenches
- Taking all proper measures to keep asbestos and lead air born contaminants below OSHA and EPA standards.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	041106-1	ISK Magnetix 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	041106-2	ISK Magnetix 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	4,700	IL11858684	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,159	IL11858723	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,150	IL11858724	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,200	IL11858725	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,300	IL11858696	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,150	IL11858698	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,200	IL11858722	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,100	IL11858720	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000	IL11858721	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,100	IL11858718	Clean Harbors Services 11800 South Stony Island

			Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,100	IL11858719	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,050	IL11858716	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,100	IL11858717	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,100	IL11858700	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,300	IL11858701	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,100	IL11858703	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,200	IL11858702	Clean Harbors Services 11800 South Stony Island Ave. Chicago, IL 60617
Low Level PCB Contaimintaed Debris	5 (20yd3)	001 to 005	Newton County Landfill 2266 E. 500S Brook, IN 47922
Low Level PCB Contaimintaed Debris	6 (20yd3)	006 to 011	Newton County Landfill 2266 E. 500S Brook, IN 47922
Low Level PCB Contaimintaed Debris	3 (20yd3)	012 to 014	Newton County Landfill 2266 E. 500S Brook, IN 47922
Low Level PCB Contaimintaed Debris	3 (20yd3)	015 to 017	Newton County Landfill 2266 E. 500S Brook, IN 47922

response.epa.gov/IngersollRemoval