

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Wednesday, March 22, 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.:	3	Site #:	B5CW
Reporting Period:	2/21/2006 through 3/21/2006	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

February 21, 2006 through March 21, 2006:

Dewatered 14,000-gallons of water and oil from building 515 basements and transformed it to an onsite AST used as a temporary holding tank for liquid.

In building 811 and 812 conducted general debris consolidation, pressure washing surfaces, removed oily solids, and dewatered 15,250 gallons of water and oil from the basement. In addition, mercury beads were identified on the main floor of building 811. Mercury beads and debris from the floor was vacuumed using a MERCVAC. Mercury containing waste was double bagged and placed in a labeled drum. All oily solids removed from the basement floor of building 811 and 812 was placed in labeled 55-gallon steel drums and stored on site for proper disposal.

All excavated pits in building 1013 and 1014 were backfilled with gravel after three attempts of pressure washing with degreaser solution. Trench confirmation wipe samples indicated that PCB was still present on the concrete trenches. Asbestos abatement was initiated and completed in building 1012, 1013, 1014 and 1017. Asbestos abatement activities for building 1012, 1013, 1014 and 1017 were subcontracted out to AES. On March 16, 2006 two 30 cubic yard roll-off boxes containing Asbestos Containing Material (ACM) were hauled off site to Newton County Landfill in Brook, Indiana.

Ongoing General Debris Consolidation activities have been initiated on the main floor and basements of buildings 912, 914 and 924. Excavated five subsurface trenches in building 912. Dewatered 28,500 gallons of oil and water from the basement of building 914 and 49,000 gallons from the north basement of building 924. Initiated the removal of AST piping north of building 924 and pressure washed the piping trenches.

All rinsate water generated during pressure washing and water and oil dewatered from the basements were transferred to the onsite non-TSCA temporary waste water trench (WWT) containment. START sampled the liquid in the WWT for disposal parameter analysis. Liquid in the WWT will be hauled off site during the week of March 27, 2006.

Air Sampling and Monitoring:

START collected 8-hour lead and asbestos air samplers from the breathing zones of ERRS crew members during start-up of work activities in a building. Lead and Asbestos samples were collected for three days in each building. Analytical results have indicated that all levels are below permissible exposure levels for lead and asbestos. Due to the continues change in work activities and the multiple interconnecting buildings, 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 VOCs, carbon monoxide, hydrogen sulfide and LEL have been non-detectable and oxygen level has been at 20.9%.

Water Sampling:

START collected nineteen water samples during the reporting period. Water samples were collected from manholes, basements, pits and trenches. Water samples were analyzed for PCB and/or disposal parameters.

Wipe Samples:

START collected eighteen wipe samples during the reporting period to determine the presence of PCB's.

Disposal Samples:

START collected a liquid disposal sample from the WWT containment. Disposal sample was sent to the laboratory for Illinois disposal parameter analysis.

For additional information on site activities and samples, see the Summary of Activity and Samples table in the document 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, 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; and
- Evaluate the exposure of nearby populations to asbestos fibers that may migrate from the site property.

Next Steps

- Continue stockpiling debris and floor scrapings from within facility buildings;
- Continue the extent of contamination survey of on-site sumps, pits, vaults, and manholes containing liquid;
- Continue ACM Removal, power wash surfaces, Excavation of pits and trenches, Backfill open pits and trenches
- 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 and liquid in the WWT;
- Handling contents of on-site sumps, pits, vaults, and manholes that may contain standing or running liquid with potentially elevated levels of toxic and hazardous constituents.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
RQ, Asbestos, mixture, 9, NA2212,	30 cubic yard roll-off	031606-1	Newton County

III	box		Landfill 2266 E. 500S Brook, IN 47922
RQ, Asbestos, mixture, 9, NA2212, III	30 cubic yard roll-off box	031606-2	Newton County Landfill 2266 E. 500S Brook, IN 47922

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