United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, May 8, 2006
From: Tom Cook

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

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

POLREP No.:	7	**Site #:**	B5CW
Reporting Period:	4/22/06-5/6/06	**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
April 22, 2006 through May 6, 2006:

Asbestos removal was completed in building 412, 411A and 715 outside loading dock area. In addition all Asbestos Containing Material (ACM) bags were double bagged, labeled and transferred to a lined 30 cubic yard roll-off box. The 30 cubic yard roll-off box was hauled offsite to Allied Waste's Newton County Landfill in Brook, Indiana for disposal. 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 800 linear feet of ACM was removed from the overhead pipes in building 412, 400 linear feet from building 411A, and 125 linear feet from an eighteen inch diameter overhead pipe north of building 715, in the outside loading dock area. In addition an emergency five chamber personnel decontamination line was built.

PCB removal activities consisted of wet sweeping and washing of the main floor of building 912. In building 924, debris from one furnace pit was excavated (total 7) and consolidated into a non-TSCA pile. In addition, 8,000 gallons of water and oil was dewatered from the west basement of building 924 (total 85,000 gallons).

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 202,750 gallons of water/ oil and rinsate has been transferred to the WWT for temporary storage, since the beginning of the removal. Approximately 10,000 gallons of water/ oil and rinsate is in the WWT temporary storage. During this POLREP period, no wastewater was hauled off site for treatment. A total of eight 20 cubic yard roll-off boxes (160 tons) containing PCB TSCA debris from excavated pits and surfaces in building 1014 and 1012 were hauled off site to Wayne Disposal Site # 2 Landfill in Belleville, Michigan for disposal.

On May 2, 2006, the City of Chicago Department of Water was onsite and turned off the water main valves that control the water flow to the site. The subsurface water pipe leak has been stopped.

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 412, 411A and 715 dock area, 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 May 1, 2006, START collected one oil/water sample from a pit near the former 1024 building (outside).

Wipe Samples:

No wipe samples were collected during this reporting period.

Solid Samples:

On April 28, 2006, START collected a ceiling tile sample from building 715 for Asbestos analysis. On May 1, 2006, START collected a debris sample from the debris excavated from the furnace pit 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 with ACM removal;
•• 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 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 contaminates below OSHA and EPA standards.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115786	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115787	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115788	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115793	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115792	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115790	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115789	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Waste Polychlorinated biphenyls, 9, UN 3432, PGII	18,160 K	MI10115791	Wayne Disposal Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111
RQ, Asbestos, mixture, 9, NA2212, III	30 cubic yard roll-off box	050506-1	Newton County Landfill 2266 E. 500S Brook, IN 47922