United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Tuesday, July 11, 2006
From: Tom Cook

To: Sally Jansen, U.S. EPA
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Subject: Ongoing Work Activities
Ingersoll Removal
1000 W 120th street, Chicago, IL
Latitude: 41.6764000
Longitude: -87.6469000

POLREP No.:	11	**Site #:**	B5CW
Reporting Period:	06/26/06 to 07/08/06	**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
June 26, 2006-July 8, 2006

ERRS conducted ACM removal in Buildings 411, 912 and 924 for this reporting period. Approximately 1,040 linear feet of ACM was removed during the reporting period. An exclusion zone was created around the work areas with caution tape, and water suppression and glove bags, when possible, were used to prevent the release of ACM fibers to the atmosphere. Continuous personnel and area air monitoring was conducted by START. ACM debris has been double-bagged, labeled, and consolidated into a 30-yard roll-off box on site.

ERRS also continued excavating contaminated sludge and debris from the center conveyor pit in Building 912 and furnace pits 4, 5, and 6 in Building 924. Debris removed from these areas was stockpiled in Buildings 912 and 924. A pit in on the southern portion of Building 515 was back-filled on June 30, 2006.

All oily water removed from buildings is temporarily stored in the non-TSCA temporary wastewater containment. Approximately 20,800 gallons of wastewater were hauled off-site to the Clean Harbors Services, Inc. treatment facility in Chicago,IL during this reporting period. Loads were transported on June 26 and July 5, 2006. One 30 cy3 roll-off box of ACM waste was hauled off to Allied Waste during this reporting period on July 7, 2206.

Air Sampling and Monitoring:

During this reporting period, START collected daily asbestos air samples from the breathing zone of ERRS laborers and the perimeter of the work area on the days that asbestos removal work was being performed. One asbestos air sample was collected daily from one ERRS laborer and four or five samples were collected from around the perimeter of the work area. The perimeter samples covered all four compass directions and one additional location. ERRS are encouraged to wet ACM during dry and windy conditions, and the OSC has requested continued asbestos air monitoring. Analytical results have indicated that all levels of asbestos in air have been below permissible exposure levels. Air sample filters collected on June 29, 2006 were discovered to be overloaded. The overloading was a result of the impact of dust generated during other site construction work performed adjacent to the exclusion zone in Building 411 (while ACM removal was being conducted). As a corrective action, ERRS have agreed to

conduct any additional site construction activities during periods when ACM removal is not being conducted. Due to the continuous change in work activities and the number of interconnected buildings on site, the OSC has recommended that the workers continue to dress in Level C PPE (level C) while performing asbestos removal work.

On July 8, 2006, ERRS laborers were removing sludge from a conveyor pit on the eastern side of Building 912 using a pump. However, due to the nature of the sludgy material, the pump became inoperable resulting in ERRS using shovels to dig out the area. The crew was instructed to work in areas that were 3 feet deep or less. As a result of the nature of work, START conducted air monitoring with a MultiRae® five-gas photo-ionization detector (PID). The VOC, CO2, H2S, LEL and oxygen level readings for this area were at or below background levels.

Liquid Sampling:

Heavy rains fell in the area during the week ending June 23, 2006, and a manhole near the north-central portion of Building 1018 overflowed with oily water. On June 23, 2006, START collected sample MH001-1018-0623 from that manhole and submitted it for analysis of VOCs, and PCBs. Samples were submitted to Microbac Labs in Merrillville, IN. The analytical results reported a Total PCBs concentration of 58 mg/kg (or ppm), which is above the TSCA criteria level of 50 ppm for PCB contaminated waste. The liquid will be pumped from the manhole and disposed of according to U.S. EPA guidelines.

Wipe Samples:

No wipe samples were collected during this reporting period.

Solid Samples:

On June 23, 2006, START collected two soil samples, S001-0912-0623-1-3 and S002-0912-0623-1-3, from the eastern and western portions of the former conveyor belt located south of building 912, respectively. The soil samples were submitted to Microbac Labs in Merrillville, IN, for analysis of PCBs. The analytical results for the samples reported total PCBs concentrations of 0.045 (for sample S001-0912-0623-1-3) and 0.25 mg/kg (for sample S002-0912-0623-1-3).
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 as well as potentially impacted soil;
•• 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 with clean fill;
•• Continue collecting air samples for asbestos from worker breathing zones and work zone perimeter;
•• Continue to document site activity and conditions;
•• Evaluate analytical results from samples collected on-site as they become available; and
•• Continue 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 remaining manholes, pits and trenches; and
•• Taking all proper measures to keep airborne asbestos and lead contamination below OSHA and EPA standards.

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