United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Tuesday, April 11, 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.:	5	**Site #:**	B5CW
Reporting Period:	4/1/06 to 4/10/06	**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 1, 2006 through April 10, 2006:

Continued performing general debris consolidation activities on the main floor and basements of buildings 912, 914 and 924. Excavated debris from two subsurface trenches in building 912 (total ten). In building 924, dewatered 6,000 gallons of water and oil from the sump north of the building (total 67,000 gallons), power washed and degreased the sump, demolished the AST concrete containment wall north of building, transferred all waste oil from the AST in drums, power washed the inside of the AST, and started excavating the furnace pits and consolidating the debris.

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 124,750 gallons of water/ oil and rinsate were transferred to the WWT for temporary storage. During this POLREP period, a total of 55,000 gallons of wastewater from the WWT were hauled by H20 Waste Management Services to ISK Magnetics in Valparaiso, Indiana for treatment. An overall total of 85,000 gallons of wastewater from the WWT were hauled by H20 Waste Management Services to ISK Magnetics in Valparaiso, Indiana for treatment.

On April 4, 2006, asbestos removal began in building 513. ERRS personnel prepped the work area with asbestos signs and caution tape. A temporary shower was constructed and staged on the north side of building 513. 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. On April 6, 2006 ERRS personnel began removing ACM from overhead pipes. A total of 600 linear feet of ACM was removed from the overhead pipes in building 513.

Air Sampling and Monitoring:

START collected daily asbestos air samples from the breathing zone of ERRS laborers and the perimeter of building 513, where asbestos removal activities were performed. Asbestos air samples were collected from two ERRS labors and four from around the perimeter of building 513, 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%.

Water Sampling:

No water samples were collected during this reporting period.

Wipe Samples:

No wipe samples were collected during this reporting period.

Solid Samples:
No solid samples were collected during this reporting period.

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 contaminates below OSHA and EPA standards.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	040406-1	ISK Magnetics 4901 Evans Ave.

			Valparaiso, IN
Non RCRA, Non DOT Regulated Waste Water	5,000 gal	040406-2	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	040506-1	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	040506-2	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	040606-1	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	040706-1	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	040706-2	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	041006-1	ISK Magnetics 4901 Evans Ave. Valparaiso, IN
Non RCRA, Non DOT Regulated Waste (Rain Water)	5,000 gal	041006-2	ISK Magnetics 4901 Evans Ave. Valparaiso, IN