

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**Date:** Thursday, June 8, 2006

**From:** Tom Cook

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

|                          |                   |                            |                |
|--------------------------|-------------------|----------------------------|----------------|
| <b>POLREP No.:</b>       | 9                 | <b>Site #:</b>             | B5CW           |
| <b>Reporting Period:</b> | 5/30/06 to 6/7/06 | <b>D.O. #:</b>             | 0057           |
| <b>Start Date:</b>       | 1/18/2006         | <b>Response Authority:</b> | CERCLA         |
| <b>Mob Date:</b>         | 1/18/2006         | <b>Response Type:</b>      | Time-Critical  |
| <b>Demob Date:</b>       |                   | <b>NPL Status:</b>         | Non NPL        |
| <b>Completion Date:</b>  |                   | <b>Incident Category:</b>  | Removal Action |
| <b>CERCLIS ID #:</b>     |                   | <b>Contract #</b>          | 68S50306       |
| <b>RCRIS ID #:</b>       |                   |                            |                |

**Site Description**

The detailed site description can be found in POLREP #1

**Current Activities**

May 30, 2006-June 7, 2006

Asbestos removal was completed in buildings 511 and 512. In addition all Asbestos Containing Material (ACM) bags were double bagged, labeled and transferred to a lined 30 cubic yard roll-off box. No roll-off boxes containing ACM were hauled off-site for disposal for this Pollution Report (POLREP) reporting period. 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. Approximately 1,500 linear feet of ACM was removed from the overhead pipes and 350 square feet of surface material during this POLREP reporting period.

ERRS personnel continued to consolidate debris from buildings 912, 914 and 924 as well as excavation of furnace pits in building 924. ERRS also back-filled one pit in building 912. A total of 26,000 gallons of water and oil was de-watered from the north and west basements of building 924 (total 163,000 gallons). A total of 10,000 gallons of water and oil was de-watered from a pit located on the south end of building 515. For this POLREP reporting period, approximately 36,000 gallons of water and oil was transported to the wastewater trench (WWT) containment.

All oily water removed from the basements was transferred to the on-site non-TSCA temporary WWT containment. Approximately 36,000 gallons of water and oil was transported to the WWT containment for this POLREP reporting period. A total of 290,750 gallons of water/oil and rinsate has been transferred to the WWT containment for temporary storage, since the beginning of the removal. Approximately 52,841 gallons of water, oil and rinsate is currently stored in the WWT containment. During this POLREP period, a total of 66,000 gallons of wastewater was hauled off site for treatment. On June 7, 2006, a 5,500 gallon shipment of wastewater was returned to the site (WWT containment). According to the treatment facility, the quantity of oil present in the shipment was too high for their treatment capabilities.

#### 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 the work area, where asbestos removal activities were performed. Asbestos air samples were collected from one ERRS laborer and five from around the perimeter of the subject building, covering all four directions and an arbitrary location. 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 the 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 (H<sub>2</sub>S) and lower explosive limit (LEL) have been non-detectable and oxygen level has been at 20.9%.

#### Liquid Sampling:

On June 5, 2006, START collected one water sample from an outside manhole located on the southside of 119th Street. Two, one liter samples were taken from this manhole and sent to Microbac Laboratories for analysis of polychlorinated biphenyls (PCBs) and semi-volatile organic compounds (SVOCs) using methods 8082 and 8270 respectively.

#### 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 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.

**Estimated Costs \***

|                           | <b>Budgeted</b> | <b>Total To Date</b> | <b>Remaining</b> | <b>% Remaining</b> |
|---------------------------|-----------------|----------------------|------------------|--------------------|
| <b>Extramural Costs</b>   |                 |                      |                  |                    |
| ERRS - Cleanup Contractor | \$1,662,367.00  | \$875,007.00         | \$787,360.00     | 47.36%             |
| RST/START                 | \$95,806.00     | \$66,528.00          | \$29,278.00      | 30.56%             |
| <b>Intramural Costs</b>   |                 |                      |                  |                    |
|                           |                 |                      |                  |                    |
| <b>Total Site Costs</b>   | \$1,758,173.00  | \$941,535.00         | \$816,638.00     | 46.45%             |

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[response.epa.gov/IngersollRemoval](http://response.epa.gov/IngersollRemoval)

POLREP #9 Last Updated 9/4/2008