United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, June 11, 2007
From: Tom Cook

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

POLREP No.:	23	**Site #:**	B5CW
Reporting Period:	May 29-June 1, 2007	**D.O. #:**	0057
Start Date:	1/18/2006	**Response Authority:**	CERCLA
Mob Date:	4/16/2007	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:		**Contract #**	68S50604
RCRIS ID #:			

Site Description
See Initial POLREP

Current Activities
During this reporting period, ERRS continued ongoing treatment of on-site contaminated water using the Springfield Belle treatment unit; excavation and stockpile of PCB-contaminated soil and sludge from the basement of former Building 920; mixing of sawdust with the sludge material for stabilization; removal of concrete walls within the basement including and transport and disposal of stockpiled PCB contaminated debris.

ERRS measured approximately three to four feet of water inside the excavation from heavy rains over the Holiday weekend. Also, the excavation continued to recharge from water flow from the embankments. The heavy rains and water flow into the excavation continued to slow down removal of contaminated soil/sludge from the basement area. However, ERRS maintain best engineering practices to stabilize the excavation.

Treatment of on-site contaminated water continues with the Springfield Belle treatment unit as well as discharged of treated effluent through an on-site manhole. START and ERRS continued to monitor effluent analytical results to ensure compliance with the pollution concentration limits set forth by the Metropolitan Water Reclamation District (MWRD). To date, approximately 135,000 gallons of water have been treated and discharged. ERRS also continued transport and disposal of low-level PCB contaminated soil and debris to the Newton County Landfill in Brooks, IN. Approximately 26 haul trucks each with a load capacity of 20 CY, transported low-level PCB contaminated soil and debris off-site for final disposal. To date the transport and disposal totals approximately 1,340 CY.

SAMPLING ACTIVITIES

START personnel collected a third round of effluent samples (after 50,000 gallons were discharged) on June 1, 2007 from a valve inside the Springfield Belle treatment unit. A total of 8 samples were collected and picked-up by Microbac Laboratories for analysis of metals, VOCs, SVOCs, oil & grease, PCBs/Pesticides and total cyanide. START also collected soil samples from an approximately 20 foot by 30 foot grid area southeast of Building 912. The grid is considered an area of interest due to a lead concentration result of 1,400 mg/kg revealed during the site's February 2007 Geoprobe and subsurface investigation.

Analytical results from the effluent samples collected on May 21, 2007 resulted in non-detect for SVOCs, VOCs, PCBs/Pesticides, total cyanide and oil and grease. Metal analytical results (for copper, iron, nickel and zinc) were all detected below MWRD concentration limits.

Planned Removal Actions

•Continue to pump and treat contaminated water from pits, vaults and the holding pond using the Springfield Belle treatment unit and;
•Continue daily discharge of treated effluent and;
•Continue excavation of PCB-contaminated soil, sludge and debris at the site of former Building 920 and;
•Stockpile excavated PCB-contaminated soil and debris in Building 912 for transportation and disposal at a later date and;
•Continue transport and disposal of PCB-contaminated soil during continuous excavation and stockpiling of former Building 920.

Next Steps

•Continuous pump and treat activities from Springfield Belle mobile water treatment unit and;
•Continue to sample effluent for metals, SVOCs, VOCs, oil & grease and PCBs/Pesticides and total cyanide every 50,000 gallons of water discharged and;
•Continue to mix sawdust with sludge material from basement-vault of Building 920 for stabilization purposes and;
•Complete water and contaminated soil removal from excavation of former Building 920 and;
•Begin backfill with of excavation at former Building 920 site with fill and construction debris (i.e. bricks/blocks) and;
•Document and inventory the location, size, and contents of pits and vaults inside various site buildings.

Key Issues

•Maintain documentation of effluent volume and sample collection and;
•Ensure that effluent complies with MWRD pollution concentration limits prior to sewer discharge.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Low-Level PCB contaminated soil and debris	520 cubic yards	053007(#1-8); 053107(#1-12); 060107(#1-6)	Newton County Landfill 2266 E. 500S Brook, IN 47922

response.epa.gov/IngersollRemoval