United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, September 7, 2007
From: Tom Cook

To:
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Afif Marouf, U.S. EPA
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Stephen Mendoza, U.S. EPA
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Subject: Ongoing Site Activities
Ingersoll Removal
1000 W 120th street, Chicago, IL
Latitude: 41.6764000
Longitude: -87.6469000

POLREP No.:	27	**Site #:**	B5CW
Reporting Period:	August 11-31, 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 water treatment unit; pumped water from basements in Buildings 915 and 924 to the WWTP; completed pumping, sludge removal and decontamination of the east UST north of Building 924. START continued periodic sampling of treated effluent from the Springfield Belle and updated UST database.

From August 16-31, 2007, ERRS pumped oily water from the basements of Building 914 and 924 to the WWTP for treatment due to heavy rain events August 17-23, 2007. The basement in Building 914 had approximately three to four feet of standing water.

ERRS temporarily suspended prepping the basement trench of Building 912 for entry, pumping and decontamination due to heavy rains and continuous pumping and treating of onsite water.

ERRS treated and discharged approximately 179,500 gallons of water during this reporting period using the Springfield Belle. To date approximately 493,500 gallons of water have been treated and discharged to the City of Chicago's sanitary sewer system (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 MWRD. Booms and absorbent pads continue to be replaced in the WWTP to remove the oily film on the water's surface.

On August 9, 2007, ComEd and their subcontractors were on-site to excavate, repair and replace two separate underground electrical lines on the west side of Building 1018. The repairs were necessary due to ERRS encountering an energized underground electrical line during an exploratory shallow excavation (SEE POLREP #26) on July 31, 2007. An underground utility clearance was issued to ERRS by DIGGER (Chicago's utility locator agency) on July 25, 2007 (DIGGER # 720419060) stating that no live utility lines were found along the property line from 120th Street. ERRS expect ComEd on-site to resume underground utility locating and to backfill the excavation.

From August 16-21, 2007 ERRS completed removal activities from the east UST (north of Building 924) including pumping out oily water to the WWTP and sludge removal (mixed with sawdust for solidification). The tank was pressure washed and backfilled.

The OSC requested START track the location and contents removed from all known USTs on-site. START GPS six known UST and trench locations on site and created an aerial location map and database. To date, START has documented the pumping and sludge removal of two 8,000 gallon USTS on the north side of Building 924.

SAMPLING ACTIVITIES

During this reporting period, START collected three rounds of effluent samples from the Springfield Belle for routine analytical monitoring of the discharged effluent (August 22, 27 and 30, 2007). The samples were picked-up by Microbac Laboratories and analyzed for metals, VOCs, SVOCs, oil and grease, total cyanide, PCBs and Pesticides.

Analytical results for sampling round six (collected August 22, 2007 including duplicates) reported non-detect for VOCs, SVOCs, PCB/Pesticides, oil & grease. Metal results were all non-detect for cadmium, chromium (total), copper, lead and mercury; iron, nickel and zinc levels were 0.62 mg/L, 0.0014 mg/L and 0.072 mg/L respectively and total cyanide was 0.021 mg/L.

Analytical results for sampling Round seven (collected August 27, 2007) reported non-detect for VOCs, SVOCs, PCB/Pesticides, oil & grease and total cyanide. Metal results were all non-detect for cadmium, chromium (total), copper, lead and mercury; iron, nickel and zinc levels were 0.39 mg/L, 0.011mg/L and 0.038 mg/L respectively.

Analytical results for sampling round eight (collected August 30, 2007) are pending.

On August 7, 2007, START collected a sample of solid oily mass from a pipe of one of three pits on the north side of Building 924 for PCB oil analysis. Analytical results reported non-detection for PCB oil.

Planned Removal Actions

•Continue to pump and treat contaminated water from pits, basements, USTS and WWTP using the Springfield Belle treatment unit;
•Continue cleanup and removal of PCB- and metals-contaminated surfaces inside the facility and soil in site yard;
•Enter basement in Building 924 to remove piping, obstructions and sludge before decontamination;
•Continue daily discharge of treated effluent.

Next Steps

•Continuous pump and treat activities from Springfield Belle mobile water treatment unit;
•Continue to sample effluent for metals, SVOCs, VOCs, oil & grease, PCBs/Pesticides and total cyanide every 50,000 gallons of water discharged;
•Continue to document and inventory the location, size, and contents of USTs, pits, basements and trenches throughout the site;
•Decontaminate the concrete pad area in Building 1014;

Key Issues

•Maintain documentation of effluent volume and sample collection;
•Ensure that effluent complies with MWRD pollution concentration limits prior to sewer discharge;
•Track the amount of contents removed from pits, basements and USTS;
•Address contaminants of concern throughout the site based on findings from the site's February 2007 Geoprobe and subsurface investigation.

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