United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, October 1, 2007
From: Tom Cook

To:
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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.:	28	**Site #:**	B5CW
Reporting Period:	September 3-28, 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 trenches in Buildings 912 and 924 to the WWTP; completed pumping, sludge removal and decontamination of UST003 located northwest of Building 924.

The following activities were completed during this reporting period:

•From September 4-20, 2007, ERRS pumped oily water from the basement of Building 924 to the WWTP for treatment; ERRS also removed oily piping and appurtenances debris from the trench in Building 924; ERRS decontaminated the basement including a central pit (inside the basement) of Building 924 using a Hotsy, hot water, pressure washer from September 24-28, 2007.

•On September 24, ERRS decontaminated the AST south of Building 914 using the Hotsy, pressure washer.

•From September 4-25, ERRS removed oil laden pipes and obstructions located in the subsurface trench of Building 912 as well as pumped approximately 4,400 gallons of oily water from this trench to the WWT pond.

•On September 17, 2007, ERRS discovered a UST (UST007) beneath an oil-filled pit at the former location of Building 1024; START performed air monitoring with a MultiRae near the opening of the tank and no readings exceeded background levels. From September 24-28, 2007, oily water was pumped from UST007 to the trench in Building 912 where it was mixed with existing oily material in the trench.

•ERRS decontaminated UST003 (northwest side of Building 924) on September 28th. A turbo-vacuum truck was utilized to remove oily sludge from the tank and ERRS entered the space donned in Level C PPE; ERRS used proper confined space procedures and permitting during all UST003 entries; approximately seven cubic yards of oily solids were removed from the tank.

•ERRS treated and discharged approximately 13,700 gallons of water during this reporting period using the Springfield Belle; to date approximately 507,200 gallons of water have been treated and discharged to the City of Chicago's sanitary sewer system (through an on-site manhole). Booms and absorbent pads

continue to be replaced in the WWTP to remove the oily film on the water's surface.

•START updated the UST database and aerial map to include the decontamination of UST003 and the discovery of UST007 during the week of September 17th.

SAMPLING ACTIVITIES

There was no sampling during this reporting period.

Analytical results for sampling round six collected August 30, 2007 reported non-detect for VOCs, SVOCs, PCBs. Pesticides and total cyanides. Metal results were all non-detect for cadmium, chromium (total) lead and mercury; iron, copper, nickel and zinc levels were 0.72 mg/L, 0.0014 mg/L, 0.012 mg/L and 0.077 mg/L respectively and oil & grease was detected at 8.6 mg/L. All reported results were below detection limits.

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;
•Continue daily discharge of treated effluent.

Next Steps

•Enter UST007 for decontamination;
•Decontaminate trench in Building 912;
•Decontaminate the concrete pad area in Building 1014;
•Continuous pump and treat activities from Springfield Belle mobile water treatment unit;
•Continuous sampling of effluent for metals, SVOCs, VOCs, oil & grease, PCBs/Pesticides and total cyanide every 50,000 gallons of water discharged.

Key Issues

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

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