

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

Date: Tuesday, February 10, 2004
From: Kevin Turner and Steven Faryan

To: Brian Schlieger, U.S. EPA
Kevin McCormack, U. S. Coast Guard

Jason El-Zein, U.S. EPA

Subject: POLREP #2
Hartford Area Hydrocarbon Plume Site
N. Olive Street, Hartford, IL
Latitude: 38.8361210
Longitude: -90.0951620

POLREP No.:	2	Site #:	524
Reporting Period:		D.O. #:	
Start Date:	10/20/2003	Response Authority:	CERCLA/OPA
Mob Date:		Response Type:	Non-Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Assessment
CERCLIS ID #:		Contract #	
RCRIS ID #:		Reimbursable Account #	
FPN#			

Site Description

See Initial POLREP

Current Activities

After a series of meetings with the Work Group respondents in the Summer/Fall of 2003, the U.S. EPA requested that Work Plans be submitted and site activities conducted to:

Determine the status of current operations and maintenance activities regarding the existing SVE system including a series of vacuum tests to determine the vacuum influence exerted upon the vapor control boring's and corresponding vapor probes.

Install 5 sentinel wells for Village of Hartford wellhead protection purposes.

Present data for conceptual site groundwater modeling purposes.

The installation of a newly constructed vapor extraction well for pilot testing purposes.

Control of vapors into residential living spaces by interim protection measures.

Investigate the lateral extent of free product hydrocarbons with the Work Group recommended random optical screening tool (ROSTTM).

Investigation to determine the extent of dissolved phase hydrocarbons.

Investigation for petroleum pipelines and utility lines contaminant migration pathways.

Planned Removal Actions

Future actions will involve the ongoing removal of vapors by operation of the existing SVE system.

Pilot testing for free phase hydrocarbon pumping systems.

Next Steps

Continue to oversee site activities of the respondents regarding the:

- Free product hydrocarbon investigation and pilot testing.
- Dissolved phase hydrocarbon investigation activities.

- Petroleum pipeline and utility line investigation activities.

Key Issues

A temporary project delay was with the ROST™ free product hydrocarbon investigation tool due to snowfall accumulations which obscured active utility locations.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
RST/START	\$43,800.00	\$13,605.05	\$30,194.95	68.94%
Intramural Costs				
Total Site Costs	\$43,800.00	\$13,605.05	\$30,194.95	68.94%

* 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/HartfordArea

POLREP #2 Last Updated 3/30/2004