

**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

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

**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 (ROST™).

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.

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