

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

Date: Saturday, December 22, 2007

From: Kenneth Rhame

To: Kenneth Rhame, US EPA

Jim Bateson, DENR

Subject: Final Polrep
Halifax RD / Virgilina Rd DCE Site
Intersection of Halifax Rd and Virgilina Rd, Roxboro, NC

POLREP No.:	2	Site #:	A4RP
Reporting Period:		D.O. #:	
Start Date:	12/5/2007	Response Authority:	CERCLA
Mob Date:	12/5/2007	Response Type:	Emergency
Demob Date:	12/22/2007	NPL Status:	Non NPL
Completion Date:	12/22/2007	Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

Site Description

On Wednesday, December 5, 2007 USEPA received a request for emergency bottled water supplies from NCDENR in response to contaminated Person County residential wells. An NRC report was filed subsequently notifying USEPA Region IV. USEPA and START began immediate distribution of bottled water to 14 residential homes in Roxboro, North Carolina—Person County.

The Person County Health Dept. and NC Dept. of Public Health conducted a sampling event for petroleum contamination related to two former gas stations that at one time had USTs located at the intersection of Halifax Rd and Virgilina Rd; results returned high levels of petroleum and solvent contamination, particularly 1,1-Dichloroethene (DCE) in residential wells. Four primary residents were of concern due to high levels of 1,1-DCE contamination. Four different notification letters were sent out by the Person County Health Dept. notifying residents not to consume or cook with their well water, in some cases not to bathe or recommending residents to limit their bathing times based on the concentrations found in the samples. 1,1 Dichloroethene (DCE) was found in well water at a concentration greater than 6,000 parts per billion (ppb). OSC Rhame was not certain at the time which wells were impacted with petroleum compounds and which ones were impacted with solvent compounds, the decision was made to provide all 14 residents that were sent letters by the Health Agencies with bottled water.

Current Activities

ER Phase is complete.

Planned Removal Actions

EPA will conduct investigation to identify source and potential responsible parties. EPA is also planning on conducting a sampling event to insure that vapor intrusion is not a threat to residents.

Next Steps

Score for potential NPL Listing.

Key Issues

Operation and maintenance of filtration units.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				

Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%
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* 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/HalifaxRDVirgilinaRDDCESite

POLREP #2 Last Updated 2/1/2008