U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Stony Hill Road TCE Site - Removal Polrep
Initial Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: **POLREP #1**
Initial
Stony Hill Road TCE Site
B4S8
Wake Forest, NC
Latitude: 35.9970790 Longitude: -78.6058000

To:
From: Kenneth Rhame, OSC
Date: 7/14/2012
Reporting Period: 7/10/2012 to 7/13/2012

1. Introduction

1.1 Background

Site Number:	B4S8	**Contract Number:**	
D.O. Number:		**Action Memo Date:**	
Response Authority:	CERCLA	**Response Type:**	Emergency
Response Lead:	EPA	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	7/11/2012	**Start Date:**	7/11/2012
Demob Date:		**Completion Date:**	
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	NC DENR Superfund Section
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category
CERCLA - Emergency Response

1.1.2 Site Description
July 10th 2012, NC DENR referred Stony Hill Road TCE Site. Based on sampling results from a sampling event that was conducted by NC DENR in June, a house located on Stony Hill Rd had elevated concentrations of TCE above the Removal Management Level (RML). The RML for TCE is 8 parts per billion (ppb), the Maximum Contaminant Level (MCL) for TCE is 5 ppb.The residential well had TCE levels at 22 ppb.

July 11th, US EPA delivered bottled water to the resident that was identified as having a contaminated well with TCE above the RML. EPA obtained access agreements to conduct well sampling at additional residential properties in the area.

July 12th, US EPA sampled seven (7) residential wells along Stony Hill Rd.

July 13th, US EPA received preliminary data from the lab indicating that three properties; four homes (two homes share one well) have TCE above the RML. US EPA notified residents of results and advised them to not use the water for drinking, cooking, and to limit bathing/showering times to a minimum using a exhaust fan or open window for ventilation to reduce exposure. US EPA had START deliver bottled water to all the impacted homes.

1.1.2.1 Location
Stony Hill Road, Wake Forest, Wake County NC

1.1.2.2 Description of Threat
Residential wells contaminated with TCE above the RML. TCE is a carcinogen; risks of exposure via consumption from drinking water and cooking; risk of exposure via inhalation from showering/bathing.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results
On July 10th, NC DENR referred the Stony Hill Road TCE Site to US EPA based on results from a June 2012 sampling event that indicated one resident having a contaminated well with TCE (22 ppb) exceeding the RML.
USEPA sampled homes in the area on July 12th and discovered TCE exceeding RML at three residential properties with four homes (one property has two homes). TCE was detected up to 66 ppb.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

In August 2005 a resident at 7305 Stony Hill Rd complained of a petroleum odor in his water to Wake County Health Dept. Wake County sampled the well and discovered chlorinated solvents present. Wake County referred the site to NC DENR DWQ's Aquifer Protection Section (APS). The well at 7305 Stony Hill Rd. was abandoned and a neighboring well was utilized to provide water to the resident at 7305 Stony Hill Rd.
NC DENR DWQ transferred the site to NC DENR Inactive Hazardous Waste Section in 2007. Inactive Hazardous Waste Section sampled the area in June 2012 and discovered elevated TCE present at a resident located at 7333 Stony Hill Rd and referred the site to US EPA July 10th 2012.
EPA delivered bottled water to impacted resident on July 11th 2012 and sampled additional residential wells on July 12th. July 13th, based on sample results from the previous day samples; EPA provided bottled water to three additional homes.

2.1.2 Response Actions to Date

EPA Obtained Access Agreements
EPA Conducted Sampling Event
EPA Provided Bottled Water to Impacted Residents

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

NC DENR Inactive Hazardous Waste Section suspects the source of contamination is a vapor degreaser that was allegedly used for a short time by Circuit Board Assemblers (CBA) located at 7303 Stony Hill Rd. There was a drain pipe discovered by NC DENR at a cinder block shed located at the rear of the property. NC DENR's investigation revealed that Flextronics is the successor company to CBA.

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*

2.2 Planning Section

2.2.1 Anticipated Activities

Identify residential wells that have been impacted.
Mitigate exposures to residents having impacted wells above the RML/MCL for TCE and PCE.

2.2.1.1 Planned Response Activities

Determine alternative water solutions for residents, point of entry whole house filters, community water line extension, community well installation or combination.

2.2.1.2 Next Steps

Hold public meeting to inform residents.

2.2.2 Issues

Additional Sampling needs to be conducted to insure no other exposures exist.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Wake County Health Department
NC DENR Inactive Hazardous Waste Section
NC DENR Superfund Section
US EPA ERRB

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.