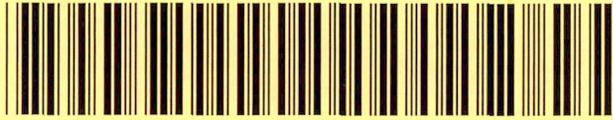


\*1079IHSSF2230\*



DocumentID NONCD0002832

Site Name MARY CHAPPEL RESIDENCE

DocumentType Other (O)

RptSegment 1

DocDate 6/2/2009

DocRcvd 6/2/2009

Box SF2230

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY



North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

June 2, 2009

Mr. Tony Lieberman  
Solutions Industrial and Environmental Services, Inc.  
1101 Nowell Road  
Raleigh, North Carolina 27607

RE: Cost Proposal for Geoprobe  
Mary Chappell Site  
1061 North NC Hwy 177  
Hamlet, Richmond County  
NONCD0002832

Dear Mr. Lieberman:

Please submit a cost proposal for Solutions Industrial and Environmental Services, Inc. (Solutions-IES) to implement the assessment as outlined below for the subject site (Site). Please submit the cost proposal with a brief (1 to 2 page) Site Assessment Plan for this work. The Site's file name, location, site status and proposed assessment goals are listed below.

**Site Name:** Mary Chappell Site, NONCD0002832  
Hamlet, Richmond County

**Site Location:** The Mary Chappell site is located at 1061 N. NC Hwy 177 near the intersection of Fruitland Road and Highway 177 North in Hamlet. Figure 1 shows the general site location.

**Site Status and Proposed Assessment Goals:** The Site is a residential property that was discovered by the Aquifer Protection Section (APS) as a result of an assessment and survey of private drinking water supply wells located in Moore, Montgomery and Richmond counties to identify impacts resulting from agricultural spraying of fungicide and nematocide chemicals in the footprint of former peach tree orchards. The typical contaminant of concern associated with the peach orchard spraying is 1,2-Dichloropropane. While no agricultural related chemicals have been identified in the Site's private supply well, the industrial solvent trichloroethene (TCE) has been detected at levels ranging from 25.7 to 70.6 ug/l. (micrograms/liter). The main CSX railyard switching station is located to the south of the Site and the tracks are approximately 600 feet southeast of the private supply well at the household of Mary Chappell. Two 55-gallon drums were also previously identified on the property within 20 feet of Mary Chappell's supply well, the contents of which were

unknown. The drums are no longer present. However, there is a fenced-in area located directly behind the well house that appears to have been used for some sort of storage of heavy equipment.

Mary Chappell who currently resides at the Site is being furnished with bottled water service under a separate contract setup by the APS Section of Fayetteville Regional Office using Bernard Allen monies. Her son's family lives in the house next door and has reportedly not shown any of the solvent contamination in their supply well.

Based on the topographic map, the site appears to be relatively flat and the direction of groundwater flow cannot be predicted reasonable certainty. Prior to sampling the groundwater, it is requested that Mary Chappell's supply well be sounded to determine the depth of the supply well including the location of the pump in the well with respect to the water table. Collection of 6 to 9 Geoprobe groundwater samples is requested. Six of the proposed Geoprobe locations are shown on the attached Google Earth Map. Sample location GP-1 is located nearest to the contaminated supply well. Sample point GP-3 is located between the septic tank system and the supply well. Sample points GP-2, GP-5, GP-6 and GP-8 are located between the CSX rail yard and the supply to identify possible pathways to the contaminated well. Sample points GP-4, GP-7 and GP-9 are optional locations to be selected in the field if additional sample points are needed. Included in this proposal are the site access agreements needed for these properties. Groundwater samples should be analyzed for volatile organic compounds by EPA Method 8260 and 1,4-dioxane.

**Investigation Objectives:** The objectives of this investigation are to:

- 1 – Characterize the underlying groundwater and determine if Mary Chappell's supply well is screened in a different zone than her son's private supply well.
- 2 – Assess whether spills around the well head have contaminated Mary Chappell's supply well or if off-site contamination has migrated onto the property.
- 3 – Determine if the contamination is of limited extent.

This cost proposal must be itemized by personnel, material, activity/use, costs/units as outlined by Solutions- IES July 1, 2002- Technical Cost Proposal. All field work must be completed by June 2009. Once the cost proposal is approved by the Branch, a task order will be issued by the Branch for Solutions-IES to begin the work.

As previously indicated, time to complete these projects are of concern. Please submit the cost proposal as soon as possible and be prepared to initiate field work within seven days of receiving approval from the Branch.

If you have any questions, please contact Keith Snavelly at (919) 508-8479 or me at (910) 433-3345.

Sincerely,

P. Sean Boyles, LG, Hydrogeologist  
Inactive Hazardous Sites Branch  
Superfund Section

Enclosures

cc: Keith Snavelly, IHSB

**Boyles, Sean**

---

**From:** Walch, John [john.walch@ncdenr.gov]  
**Sent:** Monday, June 01, 2009 12:53 PM  
**To:** Sean Boyles  
**Subject:** Mary Chappell

Sean -

Can you prepare a brief work plan for the Mary Chappell site that I can send to the contractor for a cost estimate. The info that should be included is as follows-

1. Brief site description & history (a few sentences)
2. A vicinity map showing location of site and a site map showing proposed sampling locations.
3. Proposed number of soil samples to be collected and depths where samples should be collected.
4. Proposed number of groundwater samples to be collected
5. Analyses to be performed on each sample.

*John W. Walch  
Eastern Unit Supervisor  
Inactive Hazardous Sites Branch  
NC DWM - Superfund Section  
(919) 508-8485*

*New email address = [john.walch@ncdenr.gov](mailto:john.walch@ncdenr.gov)*

\*\*\*\*\*  
\*\*\*\*\*  
*E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.*  
\*\*\*\*\*  
\*\*\*\*\*

850-8813

## Boyles, Sean

---

**From:** Peterson, Dwayne  
**Sent:** Monday, June 01, 2009 12:05 PM  
**To:** Jesneck, Charlotte  
**Cc:** sean.boyles@ncmail.net; Boyles, Sean; Walch, John  
**Subject:** Mary Chappell Residence

Charlotte,

Sean called with an update to the Mary Chappell Site. He has gotten more sampling data and Ms. Chappell has hits as high as 70 ppb of TCE. He is going to try to obtain access permission to her site to start an investigation. I gave him the contact information for Shealy labs so that he could talk to Michael McFadden about testing for 1,4-Dioxane.

It sounds like this has become a priority site and may need to be turned sent back to Sean. Let me know what you would like for me to do.

Thanks,

Dwayne

Sean Boyles, L.G.  
NCDENR  
Inactive Hazardous Sites Branch  
Fayetteville Regional Office  
225 Green Street, Suite 714  
Fayetteville, NC 28301-5043

Re: Agreement for the Use of a Site for a Groundwater Study

Dear: Mr. Boyles:

I am the owner/agent of a parcel of property, as described in the cover letter and hereby permit the North Carolina Department of Environment and Natural Resources (NCDENR) to enter upon the property for the purpose of testing the ground waters under the authority of G.S. 143-215.3 (a) 2 and G.S. 143-466 (e).

I am granting permission with the understanding that:

1. This Groundwater Study (Study) shall be conducted by NCDENR-IHSB.
2. The costs of construction and maintenance of the site and access shall be born by NCDENR-IHSB. NCDENR-IHSB shall protect and prevent damage to the surrounding lands resulting from Study activities.
3. Unless otherwise agreed, DENR-IHSB shall have access to the site by the shortest feasible route to the nearest public road. DENR-IHSB may enter upon the land at reasonable times and have full right of access during the period of the Study.
4. At the end of the Study, unless otherwise provided for by prior written agreement, DENR-IHSB shall remove from the site all structures placed or erected by it and shall permanently abandon all wells constructed by it.
5. Any claims which may arise against DENR shall be governed by Article 31 of Chapter 143 of the North Carolina General Statutes, Tort Claims Against State Departments and Agencies, and as otherwise provided by law.
6. The information derived from the Study shall be made available to the owner upon request and is a public record, in accordance with the G.S. 132-1 et seq.
7. The activities to be carried out by NCDENR are for the primary benefit of DENR-IHSB and the State of North Carolina and any benefits accruing to the owner are incidental. NCDENR is not and shall not be construed to be an agent, employee, or contractor of the owner of the land.

I agree not to interfere with, remove, or in any manner tamper with or damage NCDENR's well(s) and equipment during the Groundwater Study.

Sincerely,

Kimberly Chappell  
Signature of Owner or Agent

Kimberly Chappell  
Type or Print Name of Owner or Agent

6-1-09  
Date

1039 N NC Hwy 177  
Hamlet, NC 28345

910-582-4165 or 910-206-2514  
Address/Phone No.

Sean Boyles, L.G.  
NCDENR  
Inactive Hazardous Sites Branch  
Fayetteville Regional Office  
225 Green Street, Suite 714  
Fayetteville, NC 28301-5043

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I agree not to interfere with, remove, or in any manner tamper with or damage NCDENR's well(s) and equipment during the Groundwater Study.

Sincerely,

Mary L. Chappell  
Signature of Owner or Agent

MARY L. CHAPPELL  
Type or Print Name of Owner or Agent

6-1-09  
Date

MARY L. CHAPPELL  
1061 N. N.C. Hwy, 77  
Harris + N.C. 28345  
Address/Phone No.

# RICHMOND COUNTY HEALTH DEPARTMENT

Environmental Health Section

127 Caroline Street  
Rockingham, NC 28379

Office (910) 997-8320 Fax (910) 997-0372

Date: 6/1/09

To: Sean Boyles  
DENR - DWM

Fax#: (910) 486-0707

Re: Mary Chappell's results

582-4165 Mark Chappell  
582-6882 Mary Chappell

More coming!



Gordon Haught - Atkinson St.

Mike McFadden - Shealy Environmental  
West Columbia SC.  
919-363-7044 Rel.

Discharge:

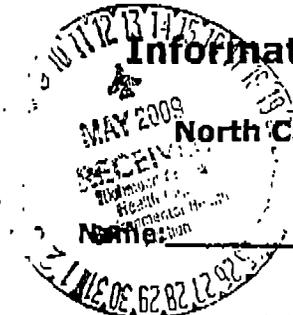
Descrip.:	C	Dia	Length	Flow	K	Vel	HeadLoss
vertical +90	120.00	8.00	5.00	1750.00	0.30	11.17	0.87
CV + PV	120.00	8.00	0.00	1750.00	2.25	11.17	4.36
to Header	120.00	8.00	8.50	1750.00	0.50	11.17	1.45
-	120.00	8.00	0.00	1750.00	0.00	11.17	0.00
-	120.00	8.00	0.00	1750.00	0.00	11.17	0.00
Total Discharge Head Loss:							6.68

Force main: Worst Case, left side

Descrip.:	C	Dia	Length	Flow	K	Vel	HeadLoss
Tee to end (L	120.00	16.00	64.00	5250.00	2.20	8.38	3.36
-	120.00	16.00	0.00	5250.00	0.00	8.38	0.00
-	120.00	16.00	0.00	5250.00	0.00	8.38	0.00
Tee to end (R	120.00	16.00	35.00	0.00	1.60	0.00	0.00
-	120.00	16.00	0.00	5250.00	0.00	8.38	0.00
Total Force Main Head Loss:							3.36

Horsepower:

Pump efficiency	60.0%			<u>#2 only</u>	#1 & #2
Motor efficiency	85.0%			C= 120	
BHP Required	29.62	HP		<u>GPM</u>	<u>Feet, TDH</u>
				0	21.5
Preliminary Motor Siz	30.00	HP		500	22.3
				1000	24.7
				1500	28.7
				2000	34.1
				2500	41.0
				3000	49.5



**Information and Recommendations for Uses of Private Well Water  
For Organic Chemicals Found in Water**  
 North Carolina Occupational and Environmental Epidemiology Branch (OEEB)  
 For Additional Information call 919-707-5900

Chappell

County : Richmond

Sample Identification Number: 090557

**Information on Your Private Well Water**

Your well water was laboratory tested for chemical contaminants. Drinking water may contain chemical contaminants which can occur naturally or be introduced into water from man-made sources. The chemicals found in your well were introduced from man-made sources. In order to evaluate your laboratory results for chemical contaminants, your water results were compared to the national primary drinking water standards or maximum contaminant levels (MCLs) (see website for basis for each MCL at <http://www.epa.gov/safewater/contaminants/index.html#mcls>). MCLs are national drinking water standards that are required to be met by municipal water supplies. If an MCL was not available, your water results were compared to the North Carolina 2L Groundwater Standards.

**Recommendations for Uses of Your Private Well Water**

The concentrations found in your well water do not exceed the recommended EPA levels/North Carolina 2L Groundwater Standards. Therefore, your water could be used for drinking, cooking, washing dishes, bathing, and showering.

Contaminant concentrations found in your well water are higher than the EPA recommended levels for drinking and cooking. These contaminants include

high lowes here

**Your well water should not be used for drinking or cooking. If you have been drinking the well water and are pregnant, nursing, or have a child under 5 years of age, inform your physician of the results.**

Because of the low levels, some absorption of these chemicals is expected through intact skin and exposure to water vapor. Therefore, limit showering and bathing time to less than 10 minutes.

Because of the high levels, absorption of these chemicals could occur through intact skin and exposure to water vapor. Therefore, limit showering and bathing time to less than 5 minutes.

Because of the very high levels, significant absorption of these chemicals could occur through intact skin and exposure to water vapor. Therefore, this water should not be used for showering and bathing.

You may want to purchase a water treatment device, drill a new well that is distantly located from the groundwater contamination, use bottled water, or connect to a public water supply.

Resampling is recommended in \_\_\_\_\_ months.

**Other Comments**

\_\_\_\_\_  
 \_\_\_\_\_

May 27, 2009

1050 CAR LOG

TAG NUMBER	CAR DESCRIPTION	DATE LAST DRIVEN	CURRENT ODOMETER	STARTING MONTHLY ODOMETER	CURRENT MONTH MILES DRIVEN (GOAL 1,050)	MILES NEEDED TO REACH 1050
PL - 2702	DODGE STRATUS	04/15/09	62988	62748	240	810
PL - 3080	FORD EXPLORER	05/19/09	78068	76937	1131	-81
PL - 7270	HONDA CIVIC HYBRID	05/05/09	58854	58838	16	1034
PK-6460	CHEVY MALIBU	05/20/09	19175 <sup>292</sup>	18965	210	<del>840</del> <sup>723</sup>
PL - 9609	FORD TAURUS	05/19/09	40156	40065	91	959
PK-8109	CHEVY IMPALA	05/26/09	18916	17842	1074	-24

VOA VIALS CONTAIN 1:1 HCL  
DO NOT RINSE

PLEASE READ INSTRUCTION SHEET

N.C. Department of Health and Human Services  
Division of Public Health  
State Laboratory of Public Health

P.O. Box 28047, 306 N. Wilmington St., Raleigh, NC 27611-8047

VOC

Environmental Sciences Analysis Report 4th Sample

Name of Owner, Patient  
Or Supply: Mary Chappell #95

Telephone # ( ) \_\_\_\_\_

Address: 1061 Hwy 177N  
Hamlet zip: 28345

County: Richmond

Report to: Environmental Health Section  
Richmond Co. Health Dept  
Telephone # ( ) \_\_\_\_\_  
127 Caroline St.  
Rockingham, NC 28370

Collected By: T. Stevens

Telephone # (910) 997-8320

Address: \_\_\_\_\_  
\_\_\_\_\_

Date Collected: 4-22-09

Analysis Desired: VOC

Laboratory Number	Sample #	Sample Description or Remarks	Results In
<b>090557</b>		2-40 ml vials	6.09c
		SEE ATTACHED SHEET(S)	
ES042309-0062001 090557 04/22/2009 VOA 524.2 (47)			
ES042309-0062002 090558 04/20/2009 VOA 524.2 (47)			
<b>090558</b>		TRIP BLANK (DATE: <u>4-20-09</u> )	SEE ATTACHED SHEET(S)

Date Received: APR 23 2009 Kmn

Date Reported: APR 27 2009

Date Extracted: \_\_\_\_\_

Date Analyzed: 4-23-09 JP

Reported By: Nancy J. Jones

**PRE-TRIP INSPECTION CHECKLIST**  
Fayetteville Regional Office

State Vehicle Current	Total Miles	Rate per Mile	Mileage Charge	Minimum Amount	Total Amount	RCC No.	1302	For Month Of	Jun-09													Gas Purchased	0
Safety / Emergency Equipment Available	1130	\$0.40	\$0.00	#####	#####	4300	1130	Jun-09													Gallons	0	
Head Lights - High and Low Beam Operational	Dep./Dir. No.	3300	Vehicle No.	34138																			
Tail Lights Operational																							
Turn Signals Operational																							
Brake Lights Operational																							
Emergency Flashers Operational																							
Parking Lights Operational																							
Brake - Good Pedal Pressure																							
Windshield Wipers Operational and Washer Fluid in Reservoir																							
Mirrors - Adjusted Properly																							
Tires Inflated and with Adequate Tread																							
Horn Operational																							
No Visible Fluid Leaks																							
Vehicle Clean: Inside / Outside																							
Agency: <b>FRD</b> Approval of Agency Head or Supervisor: _____ Barbara Scantling-Moore								Purpose of Trip: <b>OFFICIAL TRAVEL</b>												Beginning of Month: <b>62,988</b>	Odometer Readings:		
TRIP DATES Leave: _____ Return: _____		From: _____	To: _____	Mileage In: _____ Out: _____ Miles: <b>62,988</b>												Number of Trips: <b>0</b>	Local Trips: <b>0</b>	Trip: <b>0</b>					

FD-12e  
Please check and initial

**PPL-2702**

Barbara Scantling-Moore  
Regional Director  
Department of Transportation  
Motor Fleet Management Division, Raleigh





North Carolina State Laboratory of Public Health  
Environmental Sciences  
Certificate of Analysis

P.O. Box 28047  
306 N. Wilmington St.  
Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
Phone: 919-733-7834  
Fax: 919-733-8695

Sample Group: ES042309-0062

Report To:

RICHMOND CO ENVIRONMENTAL HEALTH  
127 CAROLINE ST  
ROCKINGHAM, NC 28379

Name of System:

CHAPPELL # 95, MARY  
1061 HWY 177 N  
HAMLET, NC 28345

Attn:

County: RICHMOND

Well Permit #:

Sample #: ES042309-0062001 Collected: 04/22/2009 T. STEVENS  
Received: 04/24/2009 11:33 MNICHOLSON  
Sample Type: Water Sampling Point: Category:  
Sample Source: Temp. at Receipt: 6.0 DEG C Client Sample #: 090557  
Location Code: GPS #: Treatment:  
Sample Desc: Air Volume:  
Comment:

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	25.7	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

## Wastewater System Improvements

### SECTION 2 – EXISTING FACILITIES

#### 2.1 Existing Sewer Collection System

##### 2.1.1 Outfalls and System Overview

The Dunn Wastewater Collection and Transportation System consists of approximately 75 miles of sewer line ranging in size from 8 to 30 inches in diameter. The topographic features of Dunn have resulted in four specific drainage areas with corresponding outfalls to transport wastewater collected in each area. A summary of the quantity and size of pipes contributing to each outfall is as follows:

**Table 2.1  
Collection System Summary  
Pipe Sizes and Lengths**

Outfall	30"	27"	24"	21"	18"	15"	12"	10"	8"
Black River	1,200	0	4,800	5,700	35,000	12,600	0	0	35,000
Juniper Creek	0	5,400	1,200	6,000	0	4,200	3,000	5,400	120,800
Northern	0	0	0	0	5,400	12,600	2,000	3,500	67,500
Eastern	0	0	4,700	0	0	15,000	2,000	0	45,000

The Black River Outfall (30" – 15") was installed during the plant expansion 201 Program during the late 1970's to eliminate three wastewater pumping stations that were deteriorated and had inadequate capacity and were wastewater overflow sources. The Juniper Creek Outfall (27" – 21") was installed along with the Eastside Forcemain during the 70's expansion program to transport wastewater from the Eastside Pumping Station to the WWTP.

Many sewer lines throughout Dunn were built during the period from 1920 to 1950 and most were constructed of short four-foot sections of V.C. pipe. The joints were constructed of cement mortar, and have deteriorated with time. The manholes that have been located and inspected through the various system evaluations show evidence of surcharging which reflects the flat grades of the sewer lines, infiltration of groundwater through the deteriorated joints, and periodic stoppages due to root in-growth and sand buildup. The City is continuing its ongoing in-house sewer system evaluations and an



North Carolina State Laboratory of Public Health  
Environmental Sciences  
Certificate of Analysis

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306 N. Wilmington St.  
Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
Phone: 919-733-7834  
Fax: 919-733-8695

Sample Group: ES042309-0062

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 4/27/2009

Reported By: *Nancy J. Jones*

## Wastewater System Improvements

assortment of sewer system components have been identified and adopted as part of the City's 20 year Capital Improvement Program, that need to be rehabilitated to reduce system surcharging and overflows.

Even with previous capacity improvements both the WWTP and the Eastside Pumping Station still experience excessive flows during extended wet weather periods. As substantiated by the records of outfall and pump station overflows since the fall of 1999, additional sewer system I/I reduction repairs, line replacements, pumping system capacity increases, and the installation of flow equalization facilities are needed to reduce the occurrences of sewer system overflows.

Through the City's in-house approach to identifying and repairing/replacing deteriorated sewer lines, the City replaced nearly 37,000 LF of sewer lines from 1990 to early 2001. However, even with this effort the City of Dunn still experiences overflows at the Eastside Pumping Station and along the Black River Outfall near the WWTP.

In the early 2000's the City realized the effort of their in-house sewer system evaluation conducted during the 1990's, although successful, was not eliminating the sewer system overflows. Therefore a more intense and detailed effort was undertaken in an attempt to again address the I/I problem.

The entire sewer system was divided into 21 sub-basins and each area designated for manhole inspections, smoke testing, line cleaning and closed circuit TV inspections. As a result of this effort several segments of the collection system have been found to be in severely deteriorated condition with cracks, leaking joints and services, root over-growth and severe surcharging. These segments have been targeted for replacement in an effort to help reduce the excessive I/I problem currently faced by the City.

In 2002 a new 20-year Capital Improvement Program was adopted by the City Council with projects included in the CIP totaling over \$15 million in total project costs. Since the adoption of the Capital Improvement Program, the City has taken a very aggressive approach to completing projects. With the assistance of matching Rural Center Grant monies, the City of Dunn has completed four years worth of Capital Improvement Projects in only 2½ years and has spent nearly \$2 million of their own monies. A sewer system



North Carolina State Laboratory of Public Health  
Environmental Sciences  
Certificate of Analysis

P.O. Box 28047  
306 N. Wilmington St.  
Raleigh, NC 27611-8047  
<http://elph.state.nc.us>  
Phone: 919-733-7834  
Fax: 919-733-8695

Sample Group: ES042309-0062

Report To:  
RICHMOND CO ENVIRONMENTAL HEALTH  
  
127 CAROLINE ST  
  
ROCKINGHAM, NC 28379

Name of System:  
CHAPPELL # 95, MARY  
1061 HWY 177 N  
  
HAMLET, NC 28345

Attn:  
County: RICHMOND

Well Permit #:

Sample #: ES042309-0062002 Collected: 04/20/2009  
Received: 04/24/2009  
Sample Type: Water Sampling Point: KMN  
Sample Source: Temp. at Receipt: 6.0 DEG C  
Location Code: GPS #: 11:33 MNICHOLSON  
Sample Desc: Treatment: Client Sample #: 090558  
Comment: Air Volume:

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1,2-Dichloroethene	Not Detected	2.0	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	0.5	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	Not Detected	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

## **Wastewater System Improvements**

rate increase has also been adopted that generates an additional \$200,000 per year to help finance the needed sewer system rehabilitations.

With the completion of two projects in particular, the Phase I Eastside Forcemain upgrade, which included replacing 3,400 LF of the uppermost portion of the 14" deteriorated Eastside Forcemain with 20" pipe and 1,760 LF of extremely deteriorated 21" gravity sewer with similar sized pipe and the relocation of a section of the Machine Welding Forcemain to flow directly to the treatment plant, the City has realized a decrease in overflows at the Eastside Pumping Station. The replacement of a portion of Juniper Creek Outfall and the abandonment of 1,200 L.F. of parallel deteriorated outfall has reduced I/I flows through the Juniper Creek Outfall. However, flows from the Black River Outfall entering the treatment plant are still excessive during extensive wet weather rainfall events.

Even with all the efforts and progress the City of Dunn has made in reducing I/I into the wastewater collection system, Dunn still ranks in the top 10 in the State in sanitary sewer overflows. Due to this fact and the issuance of the City of Dunn's new wastewater collection system permit, NCDENR has required the City to enter into a Special Order by Consent (SOC) until wastewater overflows can be eliminated.

A copy of the SOC and Collection System Permit is included as Tab 6: Appendix A. The SOC limits the quantity of new flows that can be added to the Dunn system and established a time line for improvements to the Eastside Pumping System and installation of Flow Equalization Facilities at the WWTP.

By completing Phase II of the Eastside Forcemain Upgrade, upgrade of the Eastside pump station and installation of Flow Equalization Facilities at the Black River WWTP, the City feels it will accomplish the goal of eliminating the excessive quantities of overflows from the wastewater collection system that have become a regular occurrence over the years.

### **2.1.2 Eastside Pumping System**

The existing Eastside Pumping system was constructed during the late 1970's. The construction of the station and associated forcemain allowed the abandonment of the



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 Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8695

Sample Group: ES042309-0062

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 4/27/2009

Reported By: *Nancy J. Jones*

## **Wastewater System Improvements**

existing Eastside Treatment Plant at that time. Portions of the old plant structures are shown on the pump station site plans. All structures were, however, abandoned during the 1970's pump station installation.

The existing pump station includes three suction lift pumps and an emergency standby power system. Each pump has a capacity of 1,200 GPM at a TDH of 74', while operating at 1550 RPM with a 50 HP drive motor and 12 3/8" impeller. The existing pumps include 8" suction piping, 6" discharge piping, and a 10" discharge header. The three pumps and 8" suction piping were installed during the system renovations of 1995, while the other components are original from the 1970's. During the early 2000's approximately 1/3 of the 14" forcemain was replaced with 20" pipe.

### **2.1.3 Other Wastewater Pumping Stations**

Five existing small outlying pump stations transfer wastewater to the City's outfall sewer system. Two stations (Food Lion and Machine Welding) serve the 301 south corridor and the Food Lion Station forcemain discharges into the Machine Welding Station collection lines. These two stations were installed in mid 1980's and are mechanically and electrically sound with the exception of the lack of standby power systems.

The third station (Grove Park) is much older, (constructed before 1970) extremely deteriorated, and a continuous maintenance problem. Both mechanical and control spare parts are not available and many make shift repairs have been undertaken to keep the Grove Park Station operable.

None of these three pumping stations or the previously discussed major Eastside Pumping Station includes any telemetry to transmit alarm conditions that would alert maintenance personnel should problems occur. Currently alarm lights and horns are the only sources to alert the neighbors to the stations that problems are occurring. City Staff visit each station during daily to verify their operating status.

The State Collection System O & M Laws will require seven days per week inspections of any pumping station that does not include a telemetry system. The City is currently evaluating telemetry options for each of the wastewater pumping stations.

**RICHMOND COUNTY HEALTH  
DEPARTMENT**

Environmental Health Section

127 Caroline Street  
Rockingham, NC 28379  
Office (910) 897-8320 Fax (910) 897-8372

---

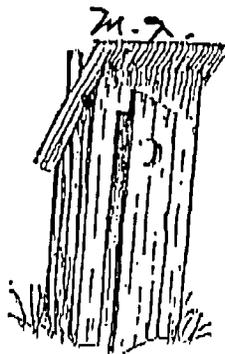
Date: 6/1/09

To: Sean Boyles  
DENR - DWM

Fax#: (910) 486-0707

Re: Mary Chappell's results

More coming!



**GIS**  
**ALAMANCE COUNTY**



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VOA VIALS (CONTAIN 1:1 HCL)  
DO NOT RINSE

PLEASE READ INSTRUCTION SHEET

N.C. Department of Health and Human Services  
Division of Public Health  
State Laboratory of Public Health  
P.O. Box 28047, 306 N. Wilmington St., Raleigh, NC 27611-8047

VOC

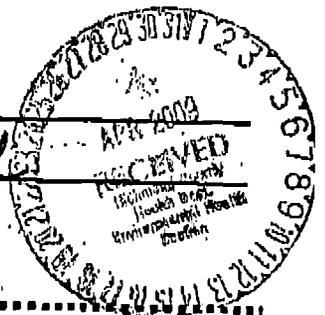
Environmental Sciences Analysis Report 4th Sample

Name of Owner, Patient  
Or Supply: Mary Chappell #95

Telephone # ( ) \_\_\_\_\_

Address: 1061 Hwy 177N  
Hamlet Zip: 28345

County: Richmond



Report to: Environmental Health Section  
Richmond Co. Health Dept  
127 Caroline St.  
Raleigh, NC 28370

Collected By: T Stevens

Telephone # ( ) \_\_\_\_\_

Telephone # (910) 997-8320

Address: \_\_\_\_\_

Date Collected: 4-22-09

Analysis Desired: VOC

Laboratory Number	Sample #	Sample Description or Remarks	Results In
<b>090557</b>		<u>2-40 ml vials</u> <u>6.09C</u>	
		<b>SEE ATTACHED SHEET(S)</b>	
ES042309-0062001 090557 04/22/2009 VOA 524.2 (47)			
ES042309-0062002 090558 04/20/2009 VOA 524.2 (47)			
<b>090558</b>		<u>TRIP BLANK (DATE: 4-20-09)</u>	<b>SEE ATTACHED SHEET(S)</b>

Date Received: APR 23 2009 Kmn

Date Reported: APR 27 2009

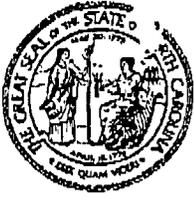
Date Extracted: \_\_\_\_\_

Date Analyzed: 4-23-09 JP

Reported By: Nancy J. Jones

DHHS Form 2364  
Laboratory (Rev.06/99)  
F\_anlrpt

searched for safety as fear has overwhelmed greed. While I understand the need for safety, this



North Carolina State Laboratory of Public Health  
 Environmental Sciences  
 Certificate of Analysis

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 306 N. Wilmington St.  
 Raleigh, NC 27611-8047  
<http://elph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8685

Sample Group: ES042309-0062

Report To:  
 RICHMOND CO ENVIRONMENTAL HEALTH  
  
 127 CAROLINE ST  
  
 ROCKINGHAM, NC 28379

Name of System:  
 CHAPPELL # 95, MARY  
 1061 HWY 177 N  
  
 HAMLET, NC 28345

Attn:  
 County: RICHMOND

Well Permit #:

Sample #: ES042309-0062001 Collected: 04/22/2009 T. STEVENS  
 Received: 04/24/2009 11:33 MNICHOLSON  
 Sample Type: Water Sampling Point: Category:  
 Sample Source: Temp. at Receipt: 6.0 DEG C Client Sample #: 090557  
 Location Code: GPS #: Treatment:  
 Sample Desc: Air Volume:  
 Comment:

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	25.7	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

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IDC calculates the Market Cap for the basic symbol to include common shares only. Year-to-date mutual fund returns are calculated on a monthly basis by Value Line and posted on the Mutual Fund page.

\*Oil Data in Market Overview is Brent Crude Pricing



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Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
Phone: 919-733-7834  
Fax: 919-733-6695

Sample Group: ES042309-0062

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 4/27/2009

Reported By:

*Nancy J. Jones*

\*Oil Data in Market Overview is Brent Crude Pricing



# Information and Recommendations for Uses of Private Well Water For Organic Chemicals Found in Water

North Carolina Occupational and Environmental Epidemiology Branch (OEEB)  
For Additional Information call 919-707-5900.

Name: Chappell

County: Richmond

Sample Identification Number: 090373

## Information on Your Private Well Water

Your well water was laboratory tested for chemical contaminants. Drinking water may contain chemical contaminants which can occur naturally or be introduced into water from man-made sources. The chemicals found in your well were introduced from man-made sources. In order to evaluate your laboratory results for chemical contaminants, your water results were compared to the national primary drinking water standards or maximum contaminant levels (MCLs) (see website for basis for each MCL at <http://www.epa.gov/safewater/contaminants/index.html#mcls>). MCLs are national drinking water standards that are required to be met by municipal water supplies. If an MCL was not available, your water results were compared to the North Carolina 2L Groundwater Standards.

## Recommendations for Uses of Your Private Well Water

The concentrations found in your well water do not exceed the recommended EPA levels/North Carolina 2L Groundwater Standards. Therefore, your water could be used for drinking, cooking, washing dishes, bathing, and showering.

Contaminant concentrations found in your well water are higher than the EPA recommended levels for drinking and cooking. These contaminants include

100 trichloroethene

Your well water should not be used for drinking or cooking. If you have been drinking the well water and are pregnant, nursing, or have a child under 5 years of age, inform your physician of the results.

Because of the low levels, some absorption of these chemicals is expected through intact skin and exposure to water vapor. Therefore, limit showering and bathing time to less than 10 minutes.

Because of the high levels, absorption of these chemicals could occur through intact skin and exposure to water vapor. Therefore, limit showering and bathing time to less than 5 minutes.

Because of the very high levels, significant absorption of these chemicals could occur through intact skin and exposure to water vapor. Therefore, this water should not be used for showering and bathing.

You may want to purchase a water treatment device, drill a new well that is distantly located from the groundwater contamination, use bottled water, or connect to a public water supply.

Resampling is recommended in \_\_\_\_\_ months.

## Other Comments

**\*\*\*FOR DISTRIBUTION TO ANNUAL CONFERENCE LEADERS\*\*\***

## **Statement of the General Council on Finance and Administration**

Economic challenges still lie ahead, but the church has weathered similar downturns. That was one of the conclusions reached by members of The General Council on Finance and Administration (GCFA) Economic Advisory Committee after its first meeting Friday, December 5, in Nashville, Tennessee.

The Committee is comprised of clergy and lay leaders and includes economists, financial experts, researchers, and church leaders from across the country. It is still in the early stages of developing an outlook for the coming months. Based upon current data and some assumptions of some future events, the group anticipates the economy should be in recovery by the second half of 2009.

The current recession, the weakness in the financial sector, and the downturn in the stock markets have introduced financial challenges for our congregations. We are all concerned about the financial future of our local churches and our denomination as a whole.

It is important to remember that these challenges are similar to those our churches faced during past recessions. Although this time will not be easy for many, and will be very difficult for some, the assembled experts anticipate an economic recovery beginning in the latter months of 2009.

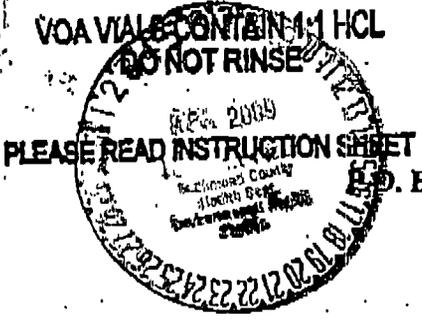
In the United States, giving at the local church level, adjusted for inflation, tends to decline during recessions, and then increase in the years following. During the recession of the early 1980's, giving dropped 2.43% from 1978 to 1979, then declined another 3.11% in 1980, and another 0.31% in 1981. Giving then increased an average of 1.91% for the years 1982-1989. During the recession of the early 1990's, giving dropped 1.04% in 1990, then increased an average of 2.12% over the next 12 years. Following the recession of the early 2000's, giving leveled off again, increasing by 0.19% in 2003, and 0.44% in 2004. Over the last 30 years, local church giving has increased at a 1.28% average annual rate, adjusted for inflation.

RECEIVED APR 06 2009

VOC

N.C. Department of Health and Human Services  
Division of Public Health  
State Laboratory of Public Health  
P.O. Box 28047, 306 N. Wilmington St., Raleigh, NC 27611-8047

Environmental Sciences Analysis Report



Name of Owner, Patient Or Supply: Mary Chappell  
Address: 1065 Hwy 177 North  
Hamblet, NC Zip: 28345

Telephone # (910) 582-6882  
County: Richmond

Report to: EHS  
Telephone # (910) 997-8320  
Address: 127 Caroline St.  
Rockingham, NC 28379

Collected By: Bryan Hancock, ES  
Telephone # (910) 997-8320  
Date Collected: 3-23-09 (1/2 liter of water)  
Analysis Desired: VOCs

Laboratory Number	Sample #	Sample Description or Remarks	Results In
090373		2-40ml vials 8.0°C	
ES032409-0005001 090373 03/23/2009 VOA 524.2 (47)			SEE ATTACHED SHEET(S)
ES032409-0005002 090374 03/16/2009 VOA 524.2 (47)			
090374		<del>IMP</del> BLANK (DATE: <u>3-16-09</u> ) empty	SEE ATTACHED SHEET(S)

Date Received: MAR 24 2009 LMN

Date Reported: APR 02 2009

Date Extracted: \_\_\_\_\_

Date Analyzed: 3-26-09

Reported By: Nancy J. Jones

DHHS Form 2364  
Laboratory (Rev.06/99)  
F\_anlrpt

**Percentage Change in Year-to-Year Giving,  
Adjusted for Inflation**

Year	% Increase in Giving Over Previous Year	Year	% Increase in Giving Over Previous Year	Year	% Increase in Giving Over Previous Year
1977	1.84%	1987	1.11%	1997	4.27%
1978	0.55%	1988	0.50%	1998	4.02%
1979	-2.43%	1989	0.71%	1999	5.02%
1980	-3.11%	1990	-1.04%	2000	1.81%
1981	-0.31%	1991	0.12%	2001	3.04%
1982	1.34%	1992	0.35%	2002	2.31%
1983	2.76%	1993	0.13%	2003	0.19%
1984	3.66%	1994	1.28%	2004	0.44%
1985	1.74%	1995	1.13%	2005	2.28%
1986	3.48%	1996	1.93%	2006	-0.61%

NOTE: Shading denotes recession years.

Work throughout our denomination continues. Through the generous and faithful giving by local churches to the general funds, The United Methodist Church continues to make a vital difference in the world. We do this through mission programs like the ZOE Ministry in Huye, Rwanda where AIDS orphans are working to grow their own food to earn an income, pay for schooling, gain self-sufficiency, and, in turn, help out others who are in need. In Pittsburgh, PA we are using text messaging and other forms of new media in innovative ways to connect young people with our churches. We are making an impact on important legislation like the Second Chance Act, which provides vital federal funding to organizations working to transition people from prisons and jails back to their communities. We are building up a new generation of faith-filled leaders to go out start new congregations and revitalize existing churches around the world.

We know that many are wondering if it is still "business as usual" for the general agencies of the church. As annual conferences struggle to fully pay general funds apportionments, we have been asked what the general church can do to lessen the financial load on annual conferences.

The Discipline provides few options to change the approved apportionment factors for the coming 2009-2012 quadrennium. Although the formula is designed to adapt to changing financial conditions in the local church, the historical nature of the statistical data we use in calculations means that this formula may not exactly reflect current economic conditions. We will continue to look for ways to ease the financial burdens of our annual conferences through any means possible.

We do not believe this is the time for "business as usual" for any United Methodist entity. The leaders of the general agencies are adjusting their spending plans to adapt to the still-emerging economic picture. We will, through the Economic Advisory Committee,



North Carolina State Laboratory of Public Health  
 Environmental Sciences  
 Certificate of Analysis

P.O. Box 28047  
 306 N. Wilmington St.  
 Raleigh, NC 27811-8047  
<http://slph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8695

Sample Group: ES032409-0005

Report To:  
 RICHMOND CO ENVIRONMENTAL HEALTH  
 127 CAROLINE ST  
 ROCKINGHAM, NC 28379

Name of System:  
 CHAPPELL, MARY  
 1069 HWY 177 NORTH  
 HAMLET, NC 28345

Attn:  
 County: RICHMOND

Well Permit #:

Sample #: ES032409-0005001 Collected: 03/23/2009 BRYAN HANCOCK  
 Received: 03/24/2009 16:18 MNICHOLSON  
 Sample Type: Water Sampling Point: Category:  
 Sample Source: Temp. at Receipt: 8.0 DEG C Client Sample #: 090373  
 Location Code: GPS #: Treatment:  
 Sample Desc: Air Volume:  
 Comment: ANALYTICAL METHOD REQUIRES SAMPLE TEMP <6 DEG C

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	35.3	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

**\*\*\*FOR DISTRIBUTION TO ANNUAL CONFERENCE LEADERS\*\*\***

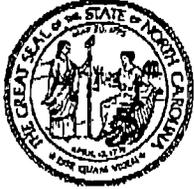
continue to study and monitor economic conditions and regularly report our findings to the leadership of the agencies to support them in their ongoing work.

During the challenging times ahead, many will turn to our churches for additional comfort and peace. It is important that in these times the Church remains ever present to those in need of support of all kinds. We believe these times of uncertainty represent new opportunities for the mission and ministry of our churches. Nevertheless, the committee expects modest shortfalls in payments to the general funds apportionment in 2008 and 2009, similar to those experienced during past recessions.

# # # # #

The General Council on Finance and Administration coordinates and administers finances and safeguards the legal interests and rights of The United Methodist Church.

[www.gcfa.org](http://www.gcfa.org)



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 Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8695

Sample Group: ES032409-0005

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 4/2/2009

Reported By: Nancy J. Jones



North Carolina Conference of The United Methodist Church  
RALEIGH AREA

*Alfred Wesley Gwinn, Jr., Resident Bishop*

1307 Glenwood Avenue; P.O. Box 10955  
Raleigh, North Carolina 27605  
1-800-849-4433 or 919-832-9560 • FAX 919-834-7989

December 9, 2008

Dear Brothers and Sisters in Christ:

Grace and Peace to you from our Lord Jesus Christ! I trust you are rejoicing in this blessed season of expectancy.

The news that the National Bureau of Economic Research announced on Monday that the United States has been in an economic recession for about a year comes as no surprise to us. We have seen and felt the pain that the current economic conditions have had on every aspect of our lives. The only reassurance in which we can genuinely trust is found in the same words we turn to for reassurance throughout all other times in our lives, "God is our refuge and strength, a very present help in trouble. Therefore we will not fear." (Ps. 46:1-2) It is in times of great stress and uncertainty that we need to center our thoughts around the One that is in charge and the One who has all things under control.

However difficult, we must remind ourselves of the covenant we have with God, our Provider; and, the trust he has placed in us to be faithful in all times. Remember, hope is the spirit that binds us together as people of faith – hope in a faithful God and a commitment to instill that same hope in others. Our North Carolina Annual Conference maintains an optimistic outlook throughout these trying economic times and will monitor closely any condition that will need our special attention as we move forward in the vision of this conference. We maintain a firm conviction that our churches will rise up in faithfulness to the work God has laid out for us to do.

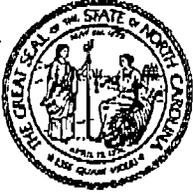
We are thankful for the response we are receiving on apportioned giving from all churches! And, we continue to encourage faithful commitments to these first mile givings. In a world facing these economic challenges, there are tremendous opportunities for ministry as we reach out to those around us who are searching for meaning in their struggles. Our connectional giving allows our denomination to continue to reach out to those searching and to show them The Way to real peace!

As we live into this Advent season, may we all take time to remember how truly blessed we are as people of faith – and share freely out of His generosity! May we pray incessantly for those searching for that hope and comfort that is so desperately needed in their lives. Finally, know that you are in our prayers as you lead your people to "look up" in this wonderful season of expectancy! May hope, love, joy and peace light the way for us!

Faithfully,

Al Gwinn

P.S "Indeed, you will receive a full measure, a generous helping, poured into your hands, All that you can hold. The measure you use for others is the one that God will use for you." (Luke 6:38)



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 306 N. Wilmington St.  
 Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8695

Sample Group: ES032409-0005

Report To:  
 RICHMOND CO ENVIRONMENTAL HEALTH  
 127 CAROLINE ST  
 ROCKINGHAM, NC 28379

Name of System:  
 CHAPPELL, MARY  
 1069 HWY 177 NORTH  
 HAMLET, NC 28345

Altn:  
 County: RICHMOND

Well Permit #:

Sample #:	ES032409-0005002	Collected:	03/16/2009	KMN
		Received:	03/24/2009	16:18 MNICHOLSON
Sample Type:	Water	Sampling Point:		Category:
Sample Source:		Temp. at Receipt:		Client Sample #: 090374
Location Code:		GPS #:		Treatment:
Sample Desc:	TRIP BLANK			Air Volume:
Comment:	TRIP BLANK EMPTY			

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Analyzed	0.5	ug/L	
Vinyl chloride	Not Analyzed	0.5	ug/L	
Bromomethane	Not Analyzed	0.5	ug/L	
Chloroethane	Not Analyzed	0.5	ug/L	
Trichlorofluoromethane	Not Analyzed	0.5	ug/L	
1,1-Dichloroethene	Not Analyzed	0.5	ug/L	
Acetone	Not Analyzed	2.0	ug/L	
Iodomethane	Not Analyzed	0.5	ug/L	
Carbon Disulfide	Not Analyzed	0.5	ug/L	
Methylene chloride	Not Analyzed	0.5	ug/L	
Acrylonitrile	Not Analyzed	0.5	ug/L	
trans-1,2-Dichloroethene	Not Analyzed	0.5	ug/L	
MTBE	Not Analyzed	0.5	ug/L	
1,1-Dichloroethane	Not Analyzed	0.5	ug/L	
Isopropyl Ether	Not Analyzed	0.5	ug/L	
cis-1,2-Dichloroethene	Not Analyzed	0.5	ug/L	
2-Butanone (MEK)	Not Analyzed	2.0	ug/L	
Tetrahydrofuran	Not Analyzed	2.0	ug/L	
Chloroform (T)	Not Analyzed	0.5	ug/L	
1,1,1-Trichloroethane	Not Analyzed	0.5	ug/L	
Carbon Tetrachloride	Not Analyzed	0.5	ug/L	
Benzene	Not Analyzed	0.5	ug/L	
1,2-Dichloroethane	Not Analyzed	0.5	ug/L	
Trichloroethene	Not Analyzed	0.5	ug/L	
1,2-Dichloropropane	Not Analyzed	0.5	ug/L	
Dibromomethane	Not Analyzed	0.5	ug/L	

**Subject:** Pre-PETS

**From:** "David Baggett" <dbaggett@nc.rr.com>

**Date:** Sun, 25 Jan 2009 22:46:07 -0500

**To:** <Sean.Boyles@ncmail.net>

Dear Sean,

On the afternoon of the 7<sup>th</sup> of Feb. we will have a Pre-PETS in Fayetteville for Area 6 of District 7730 and wanted you to mark your calendar and plan to attend. This is an opportunity for the presidents-elect to meet with the current presidents of all 5 clubs, share ideas and information relevant to our Area that there is just not enough time to discuss at a multi-district PETS. The District Governor-elect, Nancy Barbee will be hosting the event. The 2 – 2 ½ hour agenda is for the current presidents to join us for the first hour to assist in the discussion about goals for the clubs . The last hour or so is reserved only for the president elects.

Will send further information about location and time. Please let me know if you can attend.

Magda

Magda G. Baggett, DGN  
Rotary District 7730  
Southeastern North Carolina



North Carolina State Laboratory of Public Health  
Environmental Sciences  
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P.O. Box 28047  
305 N. Wilmington St.  
Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
Phone: 919-733-7834  
Fax: 919-733-8685

Sample Group: ES032409-0005

Bromodichloromethane (T)	Not Analyzed	0.5	ug/L
cis-1,3-Dichloropropene	Not Analyzed	0.5	ug/L
4-Methyl-2-pentanone	Not Analyzed	0.5	ug/L
Toluene	Not Analyzed	0.5	ug/L
trans-1,3-Dichloropropene	Not Analyzed	0.5	ug/L
1,1,2-Trichloroethane	Not Analyzed	0.5	ug/L
Tetrachloroethene	Not Analyzed	0.5	ug/L
2-Hexanone	Not Analyzed	0.5	ug/L
Dibromochloromethane (T)	Not Analyzed	0.5	ug/L
1,2-Dibromoethane (EDB)	Not Analyzed	0.5	ug/L
Chlorobenzene	Not Analyzed	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Analyzed	0.5	ug/L
Ethylbenzene	Not Analyzed	0.5	ug/L
Total Xylenes	Not Analyzed	0.5	ug/L
Styrene	Not Analyzed	0.5	ug/L
Bromoform (T)	Not Analyzed	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Analyzed	0.5	ug/L
1,4-Dichlorobenzene	Not Analyzed	0.5	ug/L
1,2-Dichlorobenzene	Not Analyzed	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Analyzed	2.0	ug/L
1,2,3-Trichloropropane	Not Analyzed	0.5	ug/L

Report Date: 4/2/2009

Reported By:

*Nancy J. Jones*

**Subject:** [Fwd: Priority Site Oversight]  
**From:** John Walch <John.Walch@ncmail.net>  
**Date:** Fri, 12 Sep 2008 13:49:02 -0400  
**To:** "Ginny Henderson, P.G." <Ginny.Henderson@ncmail.net>, Susanne Robbins <Susanne.Robbins@ncmail.net>, KEITH SNAVELY <KEITH.SNAVELY@ncmail.net>, Sean Boyles <Sean.Boyles@ncmail.net>, Dave.Brown@ncmail.net, Sharon Cihak <SCIHAK@co.guilford.nc.us>, JOHN WALCH <JOHN.WALCH@ncmail.net>, Gene Mao <GMAO@co.guilford.nc.us>, John Nantz <JNANTZ@co.guilford.nc.us>, Mindy Lepard <mlepard@co.guilford.nc.us>, wade.kirby@ncmail.net

Hi everyone,

Please read Charlotte's email below and send me the information by close of business Tuesday 9/16.

Thanks  
John

----- Original Message -----

**Subject:** Priority Site Oversight  
**Date:** Thu, 11 Sep 2008 15:46:14 -0400  
**From:** Charlotte Jesneck <charlotte.jesneck@ncmail.net>  
**To:** Bruce Parris <bruce.parris@ncmail.net>, john.walch@ncmail.net

Here's another request along the same lines as what you gave me today. I am working on the legislative report now. I will need a list of the sites staff are currently overseeing RI/Remedial actions at priority cases the staff will keep and pursue cleanup on. Separate from this, let me know the number (# only) of other sites the staff are working on beyond sending NORRs. That would include new site screenings, bankruptcy, limited sampling, emergency response and so forth. Don't include the landfill work. I will need this by mid next week. Thanks for your help.

--  
John W. Walch  
Eastern Unit Supervisor  
NC Division of Waste Management  
Superfund Section  
(919) 508-8485  
email: [John.Walch@ncmail.net](mailto:John.Walch@ncmail.net)

**RICHMOND COUNTY HEALTH  
DEPARTMENT**

Environmental Health Section

127 Caroline Street

Rockingham, NC 28379

Office (910) 997-8320 Fax (910) 887-0372

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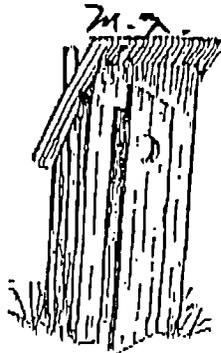
Date: 6/1/09

To: Sean Boyles  
DENR - DWM

Fax#: (910) 486-0707

Re: Mary Chappell's results

More coming!



**Subject:** Getting Started With Your Online Course - Introduction to Stock Options

**From:** pwp:crish@johnstoncc.edu

**Date:** Wed, 18 Feb 2009 07:44:11 -0800

**To:** sean.boyles@ncmail.net

Dear Peter

Thank you for your interest in Introduction to Stock Options!

If you have already paid for this course, thank you! You may begin your studies when your course starts. Please print this page for your records.

If you have not yet paid for this course, we will need you to submit payment as soon as possible to avoid any interruption of your studies.

Please print this message and choose one of the following simple methods to complete your enrollment:

1. Fax this form to (910) 221-1218. **EACH student MUST print and submit the registration form from [http://www.johnstoncc.edu/ConEd/ce\\_regform.html](http://www.johnstoncc.edu/ConEd/ce_regform.html) This is only the orientation and will be sufficient as registering for this course.**

2. Mail this form with payment to:  
Johnston Community College  
Continuing Education Division  
PO Box 235  
Smithfield NC 27577

3. Bring this form with payment to:  
The Eusee Building: 1001 Main campus

Your payment will be received in our office at least 5 days before the course begins.

peter.boyles@johnstoncc.edu  
420 Oude S. Branch Road, Spring Lake, NC 28377  
US  
Phone: 910 221-1091 (day) 910 431-3445 (eve)

Course: Introduction to Stock Options  
Section Number: 110-013 (SEF-100)  
Price: \$ 5,000  
Start Date: Feb 18, 2009

Birth Date (required): \_\_\_\_\_

Social Security Number (required): \_\_\_\_\_

Students must complete the Continuing Education form that can be printed from this website:

[http://www.johnstoncc.edu/ce/ce\\_regform.html](http://www.johnstoncc.edu/ce/ce_regform.html)

Method of payment (check one):

Check or money order

Please charge my:

Visa  MasterCard

Card number: \_\_\_\_\_ Expires: \_\_\_\_\_

Cardholder's name: \_\_\_\_\_

Cardholder's address: \_\_\_\_\_

Cardholder's signature: \_\_\_\_\_

Cashier's check: \_\_\_\_\_

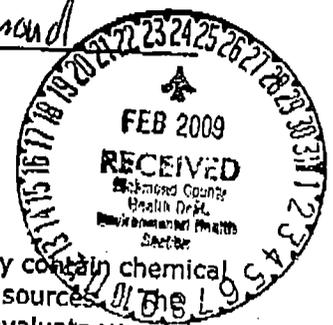
If you would like to review or reprint your orientation materials,

**Information and Recommendations for Uses of Private Well Water  
For Organic Chemicals Found in Water**  
North Carolina Occupational and Environmental Epidemiology Branch (OEEB)  
For Additional Information call 919-707-5900.

Name: Mary Chappell

County: Richmond

Sample Identification Number: FC Sample 090140



**Information on Your Private Well Water**

Your well water was laboratory tested for chemical contaminants. Drinking water may contain chemical contaminants which can occur naturally or be introduced into water from man-made sources. In order to evaluate your laboratory results for chemical contaminants, your water results were compared to the national primary drinking water standards or maximum contaminant levels (MCLs) (see website for basis for each MCL at <http://www.epa.gov/safewater/contaminants/index.html#mcls>). MCLs are national drinking water standards that are required to be met by municipal water supplies. If an MCL was not available, your water results were compared to the North Carolina 2L Groundwater Standards.

**Recommendations for Uses of Your Private Well Water**

- The concentrations found in your well water do not exceed the recommended EPA levels/North Carolina 2L Groundwater Standards. Therefore, your water could be used for drinking, cooking, washing dishes, bathing, and showering.
- Contaminant concentrations found in your well water are higher than the EPA recommended levels for drinking and cooking. These contaminants include trichloroethene

Your well water should not be used for drinking or cooking. If you have been drinking the well water and are pregnant, nursing, or have a child under 5 years of age, Inform your physician of the results.

- Because of the low levels, some absorption of these chemicals is expected through intact skin and exposure to water vapor. Therefore, limit showering and bathing time to less than 10 minutes.
- Because of the high levels, absorption of these chemicals could occur through intact skin and exposure to water vapor. Therefore, limit showering and bathing time to less than 5 minutes.
- Because of the very high levels, significant absorption of these chemicals could occur through intact skin and exposure to water vapor. Therefore, this water should not be used for showering and bathing.

- You may want to purchase a water treatment device, drill a new well that is distantly located from the groundwater contamination, use bottled water, or connect to a public water supply.
- Resampling is recommended in \_\_\_\_\_ months.

Other Comments  
\_\_\_\_\_  
\_\_\_\_\_

just click the link below to copy it to your browser:

[http://www.ncmail.net/~seanboyle/orientdes.cgi?name=jcc&course=iso&title=Introduction to Stock Options](http://www.ncmail.net/~seanboyle/orientdes.cgi?name=jcc&course=iso&title=Introduction%20to%20Stock%20Options)

When your course starts return to the Online Instruction Center at <http://www.ncmail.net/~seanboyle/oc/> click the 'Classroom' link to begin your studies. Remember your username is [sean.boyles@ncmail.net](mailto:sean.boyles@ncmail.net).

Questions? Problem? Forgot your password? Return to the Online Instruction Center at <http://www.ncmail.net/~seanboyle/oc/> and click the 'Help' link at the top of the page for help.

VOC

VOA VIALS CONTAIN 1:1 HCL  
DO NOT RINSE

N.C. Department of Health and Human Services  
Division of Public Health  
State Laboratory of Public Health  
P.O. Box 28047, 306 N. Wilmington St, Raleigh, NC 27611-8047

Environmental Sciences Analysis Report

Name of Owner, Patient  
Or Supply: MARY Chappell (resamp)  
Address: 1061 Hwy 177 North  
HANLET Zip: 28345

Telephone # ( )  
County: Richmond

Report to: EHS  
Telephone # (910) 997-8320  
Address: 127 Caroline St.  
Rockingham, NC 28379

Collected By: Bryan Hancock, NC  
Telephone # (910) 997-8320  
Date Collected: 1-28-09 (off back of house)  
Analysis Desired: VOC

Laboratory Number	Sample #	Sample Description or Remarks	Results In
119074E ES012909-0005001 090140 01/28/2009 VOA 524.2 (47)		2-40 ml vials 3.5°C	
		SEE ATTACHED SHEET(S)	
ES012909-0005002 090141 10/06/2008 VOA 524.2 (47)			
090141		TRIP BLANK (DATE: 10-6-08)	SEE ATTACHED SHEET(S)

Date Received: JAN 29 2009 KMN  
Date Extracted: \_\_\_\_\_

Date Reported: FEB 11 2009  
Date Analyzed: 1-30-09  
Reported By: Nancy J. Jones

DHHS Form 2364  
Laboratory (Rev. 06/99)  
F\_enlpt

**The North Carolina Coalition of  
Farm and Rural Families  
invites  
All Limited Resource Farmers and Landowners  
to a  
FARM SERVICE AGENCY PRESENTATION  
Pertaining to "Farmer Programs"**

**Monday, January 5, 2009  
Time: 6:00 P. M.  
Cooperative Extension Crown Center  
Cumberland County  
301 East Mountain Drive  
Fayetteville, NC 28306**

**Counties Invited: Cumberland, Robeson, Harnett, Hoke,  
Sampson and Scotland**

**Presenters:  
Henry Thomason, FSA  
and  
Renessa Brown, NRCS**

*Dinner will be served!*

*For more information please call Mr. Charles Whitaker at 910-797-1559,  
or Rhonda Jackson at 910-860-9948.*

*Sponsored by*

The NC Coalition of Farm and Rural Families

**USDA**



**Farm Service Agency**





North Carolina State Laboratory of Public Health  
 Environmental Sciences  
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P.O. Box 28047  
 306 N. Wilmington St.  
 Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8695

Sample Group: ES012909-0005

Report To:  
 RICHMOND CO ENVIRONMENTAL HEALTH  
 127 CAROLINE ST.  
 ROCKINGHAM, NC 28379

Name of System:  
 CHAPPELL, MARY  
 1061 HWY 177 NORTH  
 HAMLET, NC 28345

Attn:  
 County: RICHMOND

Well Permit #:

Sample #: ES012909-0005001 Collected: 01/28/2009 B. HANCOCK  
 Received: 01/29/2009 20:07 MNICHOLSON  
 Sample Type: Water Sampling Point: Category:  
 Sample Source: Temp. at Receipt: 3.5 DEG C Client Sample #: 090140  
 Location Code: GPS #: Treatment:  
 Sample Desc: Air Volume:  
 Comment:

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	70.6	0.5	ug/L	J
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

Select a State

North Carolina

28345

**Search**



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North Carolina State Laboratory of Public Health  
Environmental Sciences  
Certificate of Analysis

P.O. Box 28047  
306 N. Wilmington St.  
Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
Phone: 919-733-7834  
Fax: 919-733-8895

Sample Group: ES012909-0005

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane (EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	Not Detected	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	Not Detected	0.5	ug/L
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 2/11/2009

Reported By: Nancy J. Jones

Select a State

North Carolina

28345

**Search**



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 Raleigh, NC 27611-8047  
<http://slph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8696

Sample Group: ES012909-0005

Report To:  
 RICHMOND CO ENVIRONMENTAL HEALTH  
  
 127 CAROLINE ST  
  
 ROCKINGHAM, NC 28379

Name of System:  
 CHAPPELL, MARY  
 1061 HWY 177 NORTH  
  
 HAMLET, NC 28345

Attn:  
 County: RICHMOND

Well Permit #:

Sample #:	ES012909-0005002	Collected:	10/06/2008	KMN
		Received:	01/29/2009	20:07 MNICHOLSON
Sample Type:	Water	Sampling Point:		Category:
Sample Source:		Temp. at Receipt:	3.5 DEG C	Client Sample #: 090141
Location Code:		GPS #:		Treatment:
Sample Desc:	TRIP BLANK			Air Volume:
Comment:				

Organic Chem - VOCs

Method: EPA 524.2

VOA 524.2 (47)

Analyte	Result	RL	Units	Qualifier(s)
Chloromethane	Not Detected	0.5	ug/L	
Vinyl chloride	Not Detected	0.5	ug/L	
Bromomethane	Not Detected	0.5	ug/L	
Chloroethane	Not Detected	0.5	ug/L	
Trichlorofluoromethane	Not Detected	0.5	ug/L	
1,1-Dichloroethene	Not Detected	0.5	ug/L	
Acetone	Not Detected	2.0	ug/L	
Iodomethane	Not Detected	0.5	ug/L	
Carbon Disulfide	Not Detected	0.5	ug/L	
Methylene chloride	Not Detected	0.5	ug/L	
Acrylonitrile	Not Detected	0.5	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.5	ug/L	
MTBE	Not Detected	0.5	ug/L	
1,1-Dichloroethane	Not Detected	0.5	ug/L	
Isopropyl Ether	Not Detected	0.5	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.5	ug/L	
2-Butanone (MEK)	Not Detected	2.0	ug/L	
Tetrahydrofuran	Not Detected	2.0	ug/L	
Chloroform (T)	Not Detected	0.5	ug/L	
1,1,1-Trichloroethane	Not Detected	0.5	ug/L	
Carbon Tetrachloride	Not Detected	0.5	ug/L	
Benzene	Not Detected	0.5	ug/L	
1,2-Dichloroethane	Not Detected	0.5	ug/L	
Trichloroethene	Not Detected	0.5	ug/L	
1,2-Dichloropropane	Not Detected	0.5	ug/L	
Dibromomethane	Not Detected	0.5	ug/L	

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When you have a late-night craving, you reach for:

- Ice cream or something sweet
- Leftovers
- Potato chips or other salty snacks
- Veggies or a piece of fruit

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<http://rslph.state.nc.us>  
 Phone: 919-733-7834  
 Fax: 919-733-8695

Sample Group: ES012909-0005

Bromodichloromethane (T)	Not Detected	0.5	ug/L
cis-1,3-Dichloropropene	Not Detected	0.5	ug/L
4-Methyl-2-pentanone	Not Detected	0.5	ug/L
Toluene	Not Detected	0.5	ug/L
trans-1,3-Dichloropropene	Not Detected	0.5	ug/L
1,1,2-Trichloroethane	Not Detected	0.5	ug/L
Tetrachloroethene	Not Detected	0.5	ug/L
2-Hexanone	Not Detected	0.5	ug/L
Dibromochloromethane (T)	Not Detected	0.5	ug/L
1,2-Dibromoethane (EDB)	Not Detected	0.5	ug/L
Chlorobenzene	Not Detected	0.5	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.5	ug/L
Ethylbenzene	TRACE	0.5	ug/L
Total Xylenes	Not Detected	0.5	ug/L
Styrene	1.4	0.5	ug/L J
Bromoform (T)	Not Detected	0.5	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.5	ug/L
1,4-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dichlorobenzene	Not Detected	0.5	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	2.0	ug/L
1,2,3-Trichloropropane	Not Detected	0.5	ug/L

Report Date: 2/11/2009

Reported By:

*Nancy J. Jones*

This article has been viewed 234 time(s).  
Article Submitted On: November 01, 2006

**RICHMOND COUNTY HEALTH  
DEPARTMENT**

Environmental Health Section

127 Caroline Street

Rockingham, NC 28379

Office (910) 997-8320 Fax (910) 997-8372

---

Date: 6/1/09

To: Sean Boyles  
DENR - DWM

Fax#: (910) 486-0707

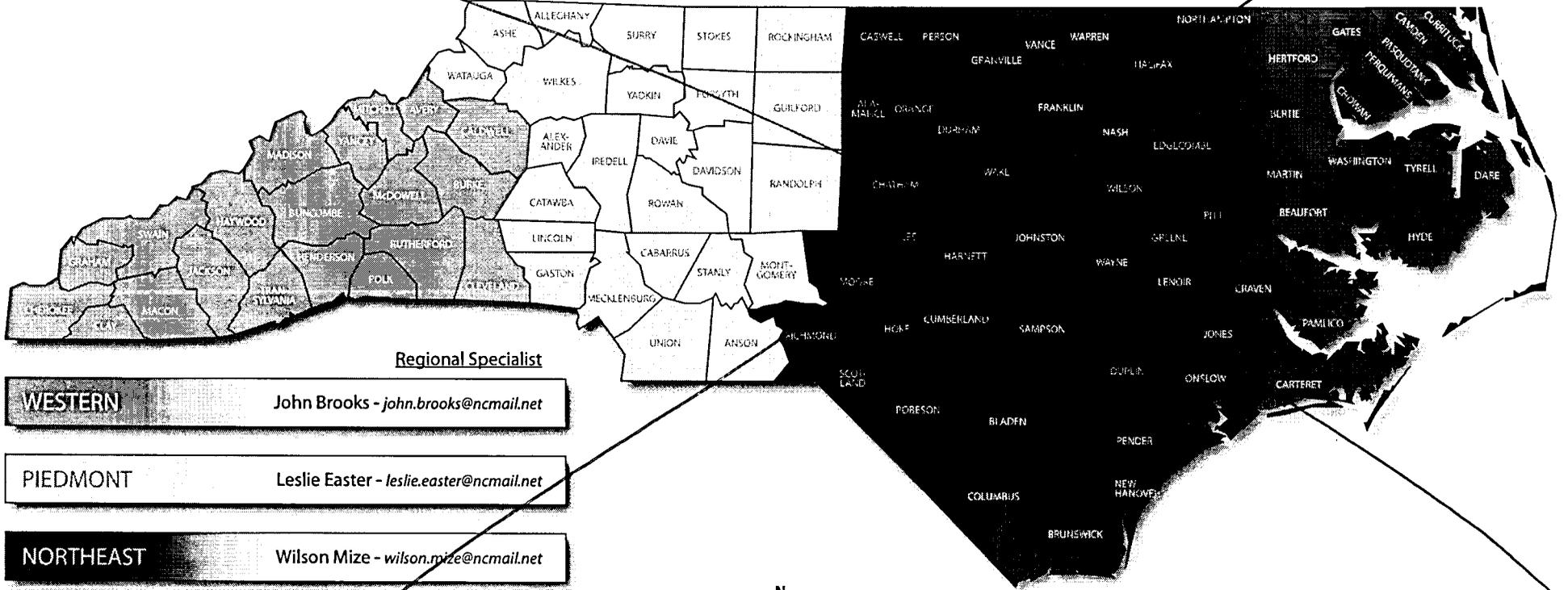
Re: Mary Chappell's results

More coming!



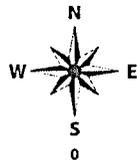
# Division of Environmental Health

## REGIONAL SUPPORT AREAS FOR COUNTY PROGRAMS



**Regional Specialist**

- WESTERN** John Brooks - [john.brooks@ncmail.net](mailto:john.brooks@ncmail.net)
- PIEDMONT** Leslie Easter - [leslie.easter@ncmail.net](mailto:leslie.easter@ncmail.net)
- NORTHEAST** Wilson Mize - [wilson.mize@ncmail.net](mailto:wilson.mize@ncmail.net)
- SOUTHEAST** David Eddy - [david.eddy@ncmail.net](mailto:david.eddy@ncmail.net)



NC DWQ Laboratory Section Results

08/01/2009 12:23 FAX 9109978372

Rich Co Env Health

002/009

County: <b>RICHMOND</b>		Sample ID: <b>AB34912</b>
River Basin:		PO Number #: <b>8G1222</b>
Report To: <b>FROAP</b>		Date Received: <b>08/29/2008</b>
Collector: <b>B TODD</b>		Time Received: <b>08:30</b>
Region: <b>FRO</b>		Labworks LoginID: <b>MMATHIS</b>
Sample Matrix: <b>GROUNDWATER</b>		Date Reported: <b>9/3/08</b>
Loc. Type: <b>WATER SUPPLY</b>	Report Generated: <b>09/03/2008</b>	JC 9/4/08
Emergency Yes/No: <b>YES</b>	VisitID:	
COC Yes/No: <b>YES</b>	Loc. Descr.: <b>MARY CHAPPELL</b>	

Location ID: <b>610771061NC177</b>	Collect Date: <b>08/28/2008</b>	Collect Time: <b>15:46</b>	Sample Depth:
------------------------------------	---------------------------------	----------------------------	---------------

Sample Qualifiers and Comments

VOL: P2 - DIL5 (9/2/08)

A  
SEP 2008  
RECEIVED  
Richmond County  
Health Dept.  
Environmental Health  
Services

Routine Qualifiers

For a more detailed description of these qualifier codes refer to [www.dwqlab.org](http://www.dwqlab.org) under Staff Access

<p>A-Value reported is the average of two or more determinations</p> <p>B1-Countable membranes with &lt;20 colonies; Estimated</p> <p>B2- Counts from all filters were zero.</p> <p>B3- Countable membranes with more than 60 or 80 colonies; Estimated</p> <p>B4-Filters have counts of both &gt;60 or 80 and &lt; 20; Estimated</p> <p>B5-Too many colonies were present; too numerous to count (TNTC)</p> <p>J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated</p> <p>J3-The sample matrix interfered with the ability to make any accurate determination; Estimated</p> <p>J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated</p> <p>N1-The component has been tentatively identified based on mass spectral library search and has an estimated value</p>	<p>N3-Estimated concentration is &lt; PQL and &gt;MDL</p> <p>NE-No established PQL</p> <p>P-Elevated PQL due to matrix interference and/or sample dilution</p> <p>Q1-Holding time exceeded prior to receipt at lab.</p> <p>Q2- Holding time exceeded following receipt by lab</p> <p>PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity</p> <p>U- Samples analyzed for this compound but not detected</p> <p>X1- Sample not analyzed for this compound</p>
--	---

LAB

listed on the PD-107 application form to receive proper credit; any information omitted from the application form cannot be considered for qualifying credit. Applications must be received by 5:00 p.m. on the closing date. Applications received after 5:00 p.m. on the "closing date" will not be considered. When a salary range is posted the actual salary will be based on relevant competencies, knowledge, skills and ability, training, internal equity and budgetary considerations pertinent to the advertised position. All post-high school degrees must be from appropriately accredited institutions.

**Contact Person:** Angela Cochran

**Contact Agency:** Environment Natural Resou

**Contact Address:** 1630 Mail Service Center

Raleigh, NC 27699-

**Contact Phone:** 919-715-8556

---

The vacancy system is provided by the Office of State Personnel.  
Individual vacancy information is provided by each agency/university.

---

# NC DWQ Laboratory Section Results

Location ID: 610771061NC177  
 Loc. Descr.: MARY CHAPPELL  
 Visit ID:

Sample ID: AB34912  
 Collect Date: 08/28/2008  
 Collect Time: 15:46

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Data	Approved By /Date
Sample temperature at receipt by lab			2.6		°C	DSAUNDERS	MMATHIS
Method Reference						8/29/08	8/29/08
<b>VOL</b>							
Volatile Organics In liquid							
Method Reference EPA5030/624/8260					ug/L	ATERRY	RKELLING
75-78-1	Dichlorodifluoromethane	5.0	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
74-87-3	Chloromethane	2.5	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
75-01-4	Vinyl Chloride	2.5	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
74-83-9	Bromomethane	2.5	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
75-00-3	Chloroethane	2.5	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
75-69-4	Trichlorofluoromethane	2.5	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
75-35-4	1,1-Dichloroethane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
75-09-2	Methylene Chloride	50	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
156-60-5	trans-1,2-Dichloroethane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
1634-04-4	Methyl Tert-Butyl Ether	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
75-34-3	1,1-Dichloroethane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
156-59-4	cis-1,2-Dichloroethane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
74-97-5	Bromochloromethane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
67-66-3	Chloroform	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
590-20-7	2,2-Dichloropropane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08
107-06-2	1,2-Dichloroethane	1.2	Not detected		ug/L	ATERRY	RKELLING
Method Reference EPA5030/624/8260						9/2/08	9/2/08

biology, or chemistry and a basic understanding of private water supply well construction rules and well construction techniques. Educational background must meet the minimum requirements to become a Registered Sanitarian. Person in this position should be able to communicate positively and effectively with individuals from a wide range of socioeconomic backgrounds in consultative and regulatory situations. Individual must be able to make and stand behind difficult regulatory decisions. Individual needs to be comfortable speaking in front of groups of people and have the ability to maintain effective relationships with co-workers, health department staff, and the general public. Position should be able to develop and deliver training for environmental health staff. Position will be expected to work outside 12 months of the year and will need to be able to walk long distances during field visits, with possible exposure to inclement weather, rough terrain, noise, animals, and insects. Must have a valid Driver's License

### **Training and Experience Requirements**

Graduation from a four-year college or university and four years of professional experience in environmental health, or an equivalent combination of education and experience. Person in this position needs a basic understanding in the use of measuring equipment and topographic maps. Prefer: Four years experience in water supply programs, well construction, on-site wastewater, or groundwater and soil assessment. Individual that understands the workings of local health departments and the importance of environmental health work. Individual already authorized to enforce state laws and rules addressing permitting, inspecting, and testing of private drinking water wells. Proficiency with computers and software, such as Word, Excel, and PowerPoint. Emailed and faxed applications will not be accepted. Internet location for form PD107: [www.osp.state.nc.us/jobs](http://www.osp.state.nc.us/jobs)  
Degrees must be from appropriately accredited institutions.

### **How to Apply:**

An applicant must complete and submit a separate State Application for Employment form (PD-107), listing the position number and job title for the position applied for. DENR uses the Merit-Based Recruitment and Selection Plan to fill positions subject to the State Personnel Act with most qualified individuals. Resumes will not be accepted in lieu of a PD-107. Original application must be signed, dated and mailed to the contact person listed. Applicants seeking Veteran's Preference with State Government should submit a copy of Form DD-214. All relevant experience must be

NC DWQ Laboratory Section Results

Location ID: 810771051NC177  
 Loc. Descr.: MARY CHAPPELL  
 Visit ID

Sample ID: AB34912  
 Collect Date: 08/28/2008  
 Collect Time: 15:46

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
563-56-6	1,1-Dichloropropene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
56-23-5	Carbon Tetrachloride	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
71-43-2	Benzene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
74-95-3	Dibromomethane	5.0	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
78-87-5	1,2-Dichloropropene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
79-01-6	Trichloroethene	1.2	Not detected	36 P2	ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
75-27-4	Bromodichloromethane	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
10061-01-5	cis-1,3-Dichloropropene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
10061-02-6	trans-1,3-Dichloropropene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
79-00-5	1,1,2-Trichloroethane	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
108-88-3	Toluene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
142-28-9	1,3-Dichloropropene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
124-48-1	Dibromochloromethane	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
108-93-4	(EDB) 1,2-Dibromoethane	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
127-18-4	Tetrachloroethene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
108-90-7	Chlorobenzene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
100-41-4	Ethylbenzene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						

Environment Natural Resources



SELECT ANOTHER  
POSITION  
TO VIEW

Website: [www.enr.state.nc.us/](http://www.enr.state.nc.us/)

**Position:** Environmental Health Regional Specialist

**Working Title:** Environmental Health Regional Specialist

**Vacancy Number:** 60034540

**Salary Grade:** 72

**Salary Range:** \$41173 - \$67369

**Hiring Range:** \$41173 - \$46476

**Department:** Environment Natural Resources

**Division:** ENR SO ASEN DEH DO OSWW Private Water/Qa

**Type of Appointment:** Perm Full-Time

**Location:** Raleigh

**Posting Date:** 09/12/2008

**Closing Date:** 09/26/2008

**Number of Positions:** 1

### **Description of Work**

Position works in the On-Site Water Protection Section, Private Water Supply Protection Branch. Position is responsible for providing State oversight and assistance with the Private Wells Program to 25 counties in the western and central piedmont. Position is home based in the work area and will be required to do significant daily travel and some over night travel. Responsibilities include: Training county environmental health specialists in permitting, inspecting, and sampling of private water supply wells; Providing technical assistance and guidance to local health departments in the interpretation and implementation of rules and statutes governing private water supply well location and construction; Authorization of new agents who will carry out the statutes and rules related to private water supply well location and construction; Developing and conducting training courses that provide introduction, orientation, and continuing education for local health department staff; Provide expert testimony.

### **Knowledge, Skills and Abilities**

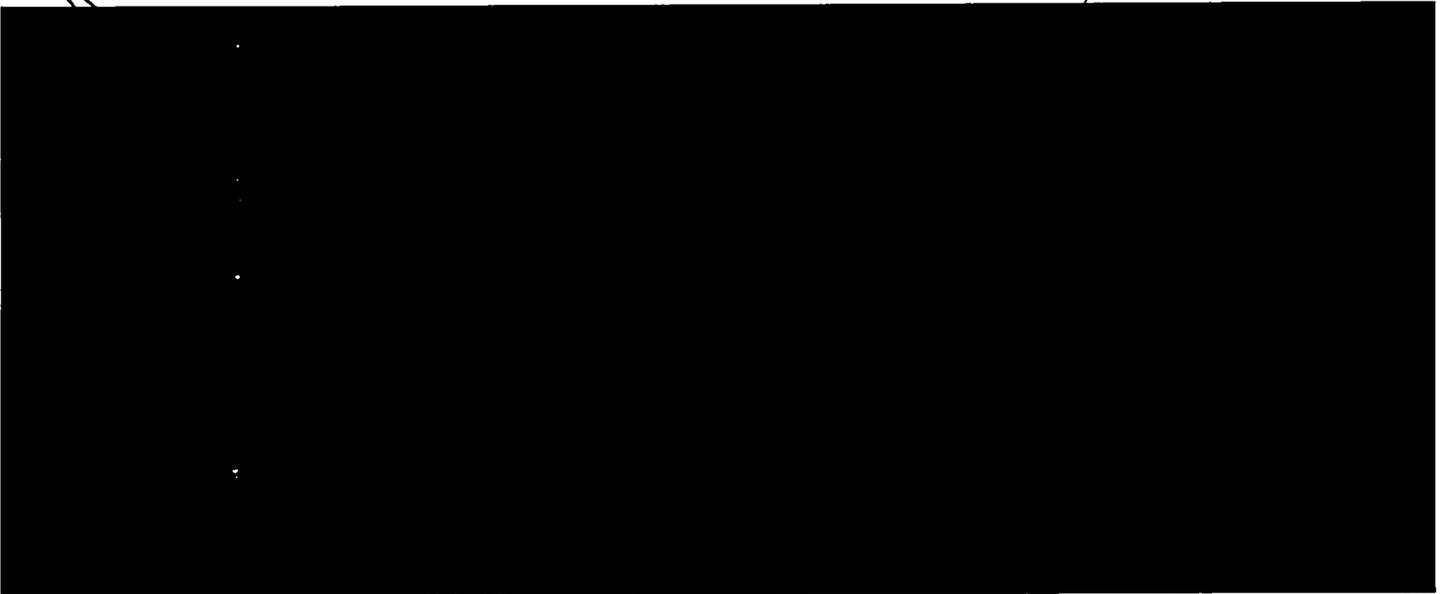
Individuals need a background in hydrogeology, geology, soil science,

NC DWQ Laboratory Section Results

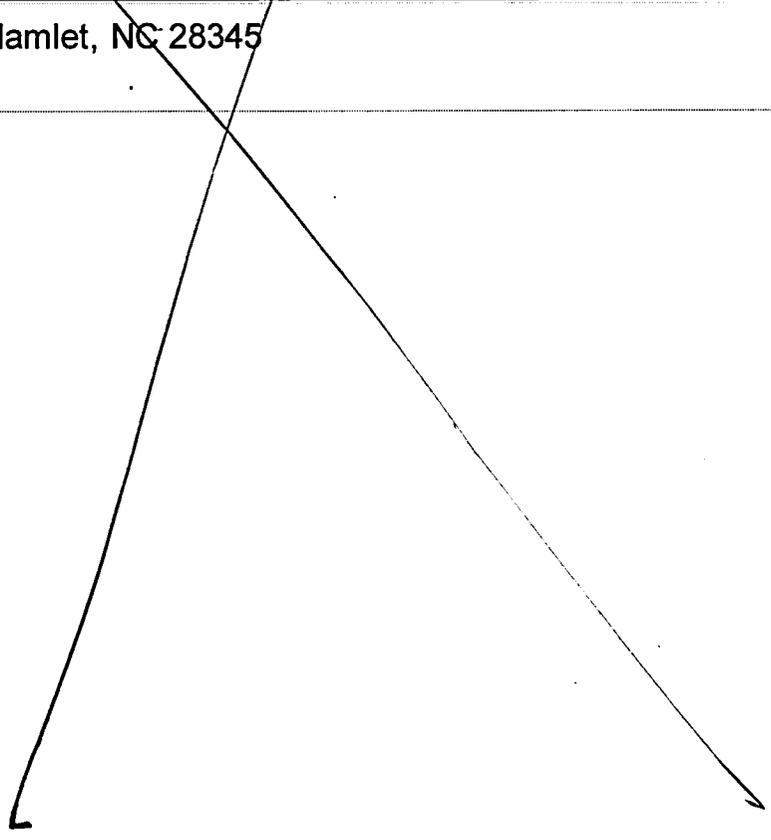
Location ID: 610771061NC177  
 Loc. Descr: MARY CHAPPELL  
 Visit ID

Sample ID: AB34912  
 Collect Date: 08/28/2008  
 Collect Time: 15:46

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoforn Method Reference EPA5030/624/8260	5.0	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
108-38-3	m,p-Xylene Method Reference EPA5030/624/8260	2.5	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
100-42-5	Styrene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
79-34-6	1,1,2,2-Tetrachloroethane Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
630-20-6	1,1,1,2-Tetrachloroethane Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
95-47-6	o-Xylene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
96-18-4	1,2,3-Trichloropropene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
98-82-8	Isopropylbenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
108-86-1	Bromobenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
103-65-1	n-Propylbenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
95-49-8	2-Chlorotoluene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
106-43-4	4-Chlorotoluene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
108-67-8	1,3,5-Trimethylbenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
98-06-6	tert-Butylbenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
95-63-6	1,2,4-Trimethylbenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
135-98-8	sec-Butylbenzene Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
543-73-1	m-Dichlorobenzene (1,3) Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
106-46-7	p-Dichlorobenzene (1,4) Method Reference EPA5030/624/8260	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08



1061 N NC Highway 177, Hamlet, NC 28345



*NC DWQ Laboratory Section Results*

Location ID: 60771061NC177	Sample ID: AB34912
Loc. Descr.: MARY CHAPPELL	Collect Date: 08/28/2008
Vial ID	Collect Time: 15:46

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
99-87-6	p-Isopropyltoluene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
104-51-8	n-Butylbenzene	1.2	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
96-12-8	1,2-Dibromo-3-Chloropropane	10	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
120-82-1	1,2,4-Trichlorobenzene	2.5	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
91-20-3	Naphthalene	2.5	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
87-68-3	Hexachlorobutadiene	2.5	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						
87-61-6	1,2,3-Trichlorobenzene	5.0	Not detected		ug/L	ATERRY 9/2/08	RKELLING 9/2/08
	Method Reference EPA5030/624/8260						



# GROUNDWATER FIELD/LAB FORM

North Carolina  
Department of Environment and Natural Resources  
DIVISION OF WATER QUALITY-GROUNDWATER SECTION

**COC**

Location code 610771061/NC177

County Richmond

Quad No \_\_\_\_\_ Serial No. \_\_\_\_\_

Lat \_\_\_\_\_ Long \_\_\_\_\_

SAMPLE TYPE		SAMPLE PRIORITY	
<input checked="" type="checkbox"/> Water	<input type="checkbox"/> Soil	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Emergency
<input type="checkbox"/> Other			
<input checked="" type="checkbox"/> Chain of Custody			

1061/NC177

Lab Number 861222 AB34912

Date Received 8-28-08 Time 0830

Rec'd By: HJ From: Bus, Courier Hand Del.,

Other: \_\_\_\_\_ Data Entry By: \_\_\_\_\_ Ck: \_\_\_\_\_

Date Reported: \_\_\_\_\_

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: \_\_\_\_\_

Shipped by: Bus, Courier Hand Del., Other: \_\_\_\_\_

Collector(s): Bill Todd Date 8/28/08 Time 3:46 Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: \_\_\_\_\_

## FIELD ANALYSES

pH 400 Spec. Cond 94 at 25°C  
Temp. 10 °C Odor \_\_\_\_\_

Appearance \_\_\_\_\_  
Field Analysis By: Bill Todd

Owner Mary Chappell  
Location or Site 1061 NC Hwy 177 North  
Description of sampling point outside tap  
Sampling Method pump Sample Interval \_\_\_\_\_  
Remarks control # 95 - AA type  
(Pumping time, air temp., etc.)

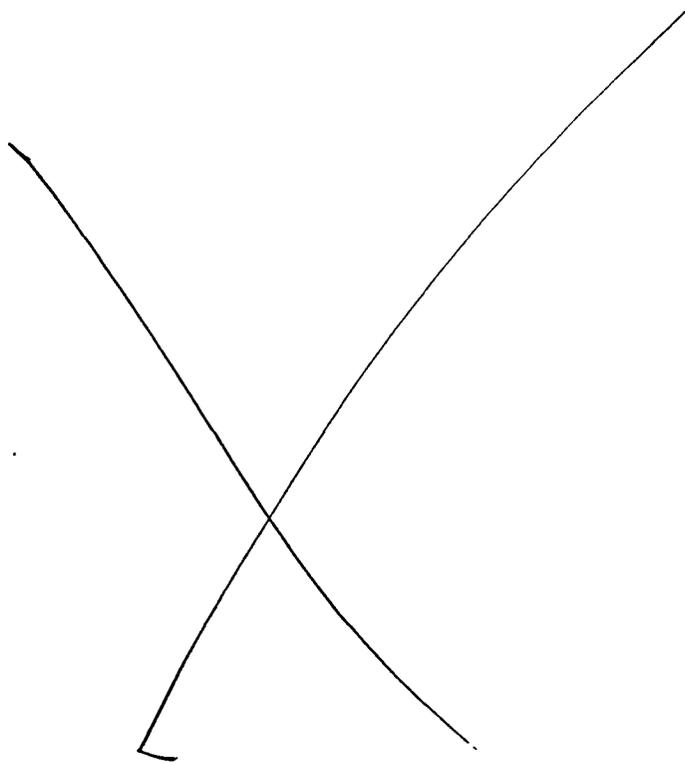
## LABORATORY ANALYSES

BOD 310 mg/L	Diss. Solids 70300 mg/L	Ag-Silver 46566 ug/L	Organochlorine Pesticides
COD High 340 mg/L	Fluoride 951 mg/L	Al-Aluminum 46557 ug/L	Organophosphorus Pesticides
COD Low 335 mg/L	Hardness: Total 900 mg/L	As-Arsenic 46551 ug/L	Nitrogen Pesticides
Coliform MF Fecal 31616 /100ml	Hardness (non-carb) 902 mg/L	Ba-Barium 46558 ug/L	Acid Herbicides
Coliform MF Total 31504 /100ml	Phenols 32730 ug/L	Ca-Calcium 46552 mg/L	PCBs
TOC 680 mg/L	Specific Cond 95 uMhos/cm	Cd-Cadmium 46559 ug/L	
Turbidity 76 NTU	Sulfate 945 mg/L	Cr-Chromium 46559 ug/L	
Residue, Suspended 530 mg/L	Sulfide 745 mg/L	Cu-Copper 46562 ug/L	
		Fe-Iron 46563 ug/L	
	Oil and Grease mg/L	Hg-Mercury 71900 ug/L	Semivolatile Organics
		K-Potassium 46555 mg/L	TPH-Diesel Range
pH 403 units		Mg-Magnesium 46554 mg/L	
Alkalinity to pH 4.5 410 mg/L		Mn-Manganese 46565 ug/L	
Alkalinity to pH 8.3 415 mg/L		Na-Sodium 46556 mg/L	X Volatile Organics (VOA bottle) ✓
Carbonate 445 mg/L	NH <sub>3</sub> as N 610 mg/L	Ni-Nickel ug/L	TPH-Gasoline Range
Bicarbonate 440 mg/L	TKN as N 625 mg/L	Pb-Lead 46564 ug/L	TPH-BTEX Gasoline Range
Carbon dioxide 405 mg/L	NO <sub>2</sub> + NO <sub>3</sub> as N 630 mg/L	Se-Selenium ug/L	
Chloride 940 mg/L	P Total as P 685 mg/L	Zn-Zinc 46567 ug/L	
Chromium Hex 1032 ug/L	Nitrate (NO <sub>3</sub> as N) 620 mg/L		
Color: True 80 CU	Nitrite (NO <sub>2</sub> as N) 615 mg/L		
Cyanide 720 mg/L			

Lab Comments \_\_\_\_\_

LAB USE ONLY  
Temperature on arrival (°C): 2.6

08/01/2009 12:25 FAX 9109978372 RICH CO ENV HEALTH 007/009



OWNER FREDDIE CHAPPEL JR  
(Mary)

ADDRESS RR. HAMLET, N.C. 16089

RACE: (X) WHITE ( ) COLORED ( ) OTHER

**ADDRESS & LOCATION OF PROPERTY**  
(If business estab., give name)

**SEPTIC TANK**

FHA CASE No.

(Material) WHITLOCK CRM-900/STB-935

VOLUME 894 gal 900

VA CASE No.

Dimensions STD TANK

Secondary treatment 110' x 2' NIT. TREAT.

Type grease trap X Amt. line 7

No. of bedrooms 3 No. in family 5

PERMIT No. 115-73-111 Date 26 APR 73

Septic tank approved YES Date 26 APR 73

Approved by M. J. Alderson

Tank installed by R. SMITH

Address E. Rham, N.C.

Contractor N/A - HOUSE REMODELED

NEW Construction ( ) OLD Construction (X) REP. (-)

REMARKS: EXCELLENT SANDY SOIL

1991 repaired; filled in old whitlock st (had 110 gal); improve results  
w/ plus added: new cover  
Radolph Smith bootleg line found in brown

House of Brick on LEFT  
SIDE of Highway # 177 - N  
1.9 miles ABOVE MAIN  
ENTRANCE TO SCL HAMLET  
RR yards

**WATER SUPPLY:**

Source PRIVATE

If well, type:

Bored \_\_\_\_\_

Drilled 6"

Dug \_\_\_\_\_

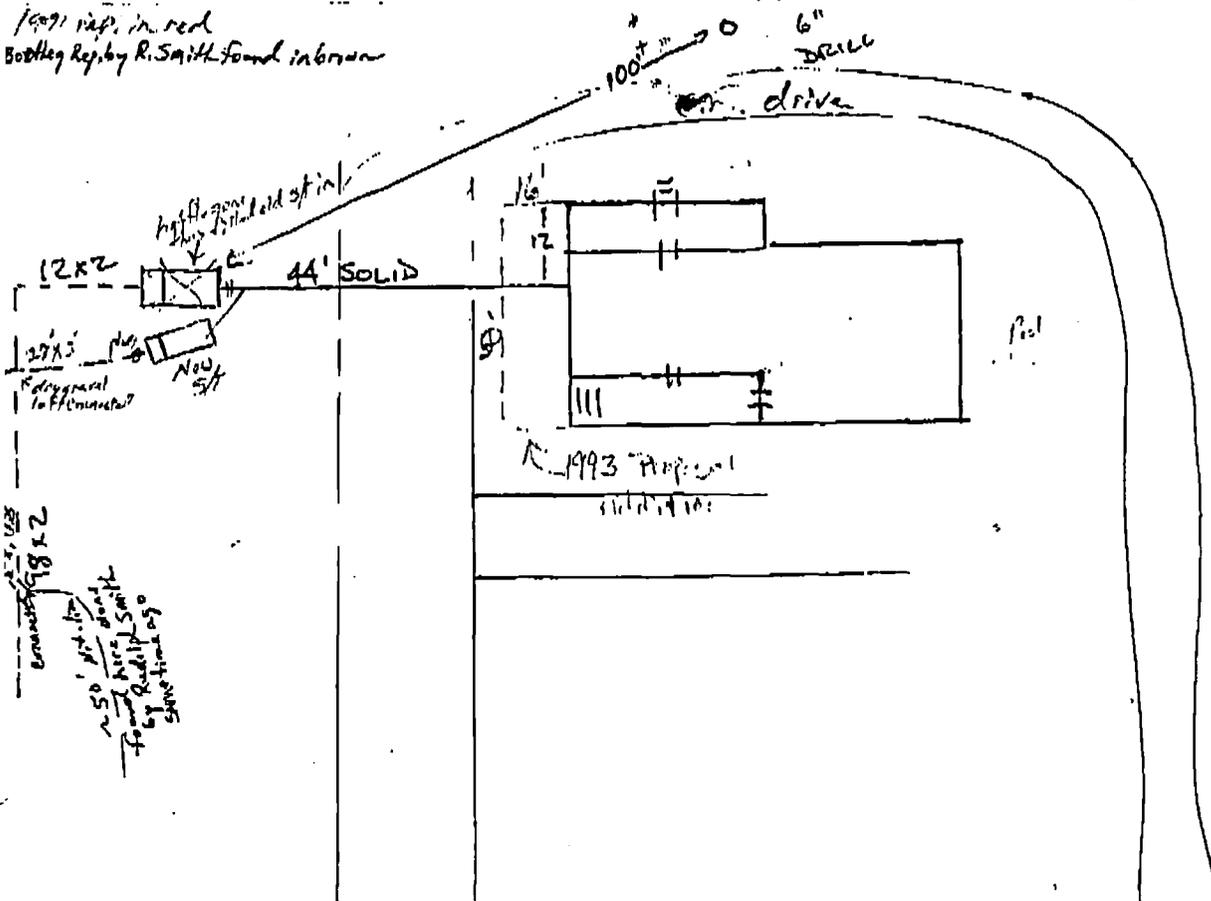
Spring \_\_\_\_\_

DEPTH \_\_\_\_\_ FT.

Approved: ( ) YES (X) NO

1/22/91 10-Permit 4/26/93 10/11/91 9/17/05

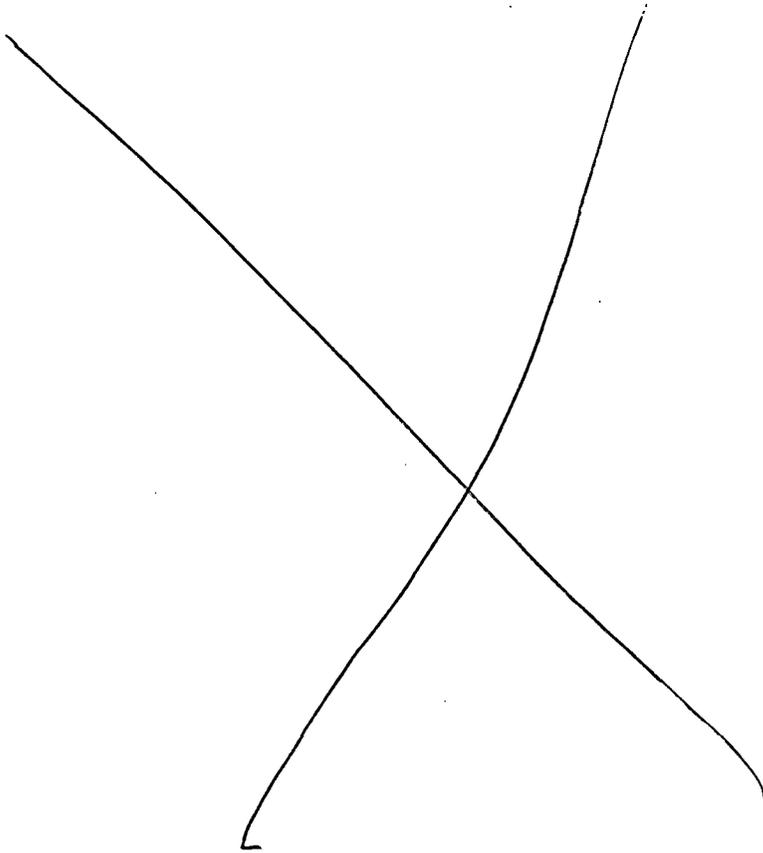
1991 rep. in red  
bootleg rep. by R. Smith found in brown



16089

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**North Carolina State Laboratory of Public Health  
Department of Health and Human Services  
P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047**

**INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM**

Name of System: Chappell, Mary

Source of Water: Ground

Address: 1061 N NC177 Hwy  
Hamlet, NC

Zip: 28345

Source of Sample:

Type of Sample: Raw

County: RICHMOND

Type of Treatment: None

Report To: Richmond Co. Health Dept.  
Post Office Box 429  
Rockingham, NC 28380-0429  
Courier: 03-75-02

ATTN:  
(910) 997-8320

Type of Analysis Private

Collected By: V HUDSON

Date: 10/22/2008

Time: 1:20:00 PM

Location of sampling point: O/T

Remarks:

Parameters	Results	Units	Date Analyzed:
Alkalinity as CaCO3	0	mg/l	10/23/2008
Arsenic	<0.001	mg/l	10/23/2008
Calcium	0.8	mg/l	10/23/2008
Chloride IC	5	mg/l	10/23/2008
Copper	0.21	mg/l	10/23/2008
Fluoride	<0.20	mg/l	10/23/2008
Iron	<0.10	mg/l	10/23/2008
Hardness as CaCO3 (Ca,Mg)	6	mg/l	10/23/2008
Magnesium	0.9	mg/l	10/23/2008
Manganese	<0.03	mg/l	10/23/2008
Lead	0.091	mg/l	10/23/2008
pH	3.9	Std. units	10/23/2008
Zinc	<0.05	mg/l	10/23/2008



Date Received: 10/23/2008

Report Date: 11/12/2008

Reported By: *Debbie Moncol*

Today's Date: 11/12/2008

Ref: 14963

Login Batch: 08-20087

Sample Number: AB80237

SOUTHEASTERN REGIONAL MED  
PO BOX 1408  
LUMBERTON NC 28359-0000  
910 671-5047

Receipt of Payment

BOYLES, CYNTHIA A

Account Number 3471082

Payment Received: 5.00

Payment Type: PATIENT PAYMENT Payment Type #: CK #4160

Received By: EEC8 8/22/08 14:47:50

253.64  
LC

**RICHMOND COUNTY HEALTH  
DEPARTMENT**

Environmental Health Section

127 Caroline Street  
Rockingham, NC 28379

Office (910) 997-8320 Fax (910) 997-8372

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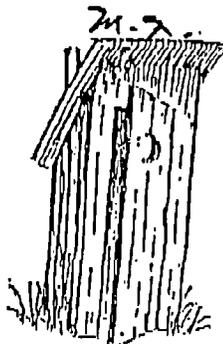
Date: 6/1/09

To: Sean Boyles  
DENR - DWM

Fax#: (910) 486-0707

Re: Mary Chappell's results

That's all!  
~~More coming~~



SOUTHEASTERN REGIONAL MED  
PO BOX 1408  
LUMBERTON NC 28359-0000  
910 671-5047

Receipt of Payment

BOYLES, PETER SEAN

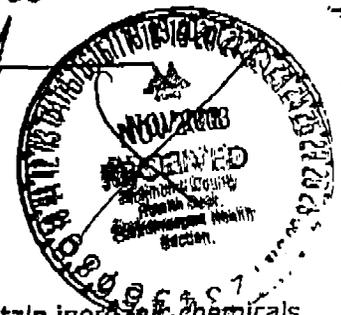
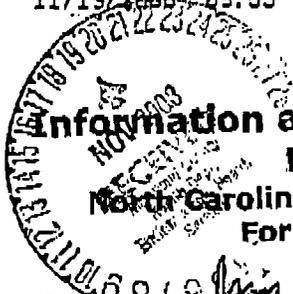
Account Number 2690680

Payment Received: 5.00

Payment Type: PATIENT PAYMENT Payment Type #: CK #4160

Received By: EEC8 8/22/08 14:47:50

154.61  
LC



# Information and Recommendations for Uses of Private Well Water For Inorganic Chemicals Found in Water

North Carolina Occupational and Environmental Epidemiology Branch (OEEB)  
For Additional Advice and Information call 919-707-5900

Name: 819 Mary Criggell

County: Richmond

Sample Identification Number: 4B80237

## Information on Your Private Well Water

Your well water was laboratory tested for inorganic chemicals. Drinking water may contain inorganic chemicals such as arsenic and manganese that can occur naturally in water or lead that could be introduced into water from man-made sources. In order to evaluate your laboratory results for chemical contaminants, your water results were compared to the national primary drinking water standards or maximum contaminant levels (MCLs) (see website for basis for each MCL at <http://www.epa.gov/safewater/contaminants/index.html#mcls>). MCLs are economic/technology based national drinking water standards that are required to be met by municipal water supplies. If an MCL was not available, your water results were compared to the health based North Carolina 2L Groundwater Standards.

## Recommendations for Uses of Your Private Well Water

The concentrations found in your well water do not exceed the recommended EPA levels/North Carolina 2L Groundwater Standards. Therefore, your water could be used for drinking, cooking, washing dishes, bathing, and showering.

Contaminant concentrations found in your well water are higher than the EPA recommended levels for drinking and cooking. These contaminants include lead, pH

Your well water should not be used for drinking or cooking. If you have been drinking the well water and are pregnant, nursing, or have a child under 5 years of age, inform your physician of the results. Very little absorption is expected through intact skin. However, having open wounds or burns could result in a greater absorption of these chemicals. Therefore, if you have open wounds or burns on your skin, limit showering and bathing time to under 5 minutes.

You may want to purchase a water treatment device, drill a new well that is distantly located from the groundwater contamination, use bottled water, or connect to a public water supply.

Resampling is recommended in 1 months.

Resample for lead. Take a first draw, 5 minute, and 15 minute sample inside the house (preferably the kitchen) and if possible a first draw, 5 minute and a 15 minute sample at the well head to determine the source of the lead.

### Other Comments

\_\_\_\_\_  
\_\_\_\_\_

Post-It® Fax Note	7871	Date	11/19/08	# of pages	4
To	Mila Norton	From	Dr. Alan Parks		
Co./Dept.	Richmond Co. HHD	Co.	NC OEEB		
Phone #		Phone #	919 707 5711		
Fax #	910 999 8372	Fax #			

**Subject:** [Fwd: Re: Dumping of oil/antifreeze]

**From:** Gene Jackson <Gene.Jackson@ncmail.net>

**Date:** Thu, 28 Aug 2008 11:35:07 -0400

**To:** Sean Boyles <Sean.Boyles@ncmail.net>, Dave Brown <Dave.Brown@ncmail.net>

FYI

---

**Subject:** Re: Dumping of oil/antifreeze

**From:** Art Barnhardt <Art.Barnhardt@ncmail.net>

**Date:** Wed, 27 Aug 2008 17:49:31 -0400

**To:** Russell Davis <Drussell001@sc.rr.com>, Gene Jackson <Gene.Jackson@ncmail.net>

I have forwarded your message to Gene Jackson. His Division is responsible for these types of issues usually.  
ArtB.

Russell Davis wrote:

I am from Clinton, NC and I am trying to find out who I can report someone dumping oil and antifreeze out on the ground. I have a home at 126 Wheat Lane in Clinton and an Hispanic who lives to the right front of me (don't know the house number, but there is only 2 houses) is running a junkyard/automotive repair business. I know that they are just dumping the oil and antifreeze out and I have never seem anyone pick it up. I have a well just like everyone else in the area and I am concerned that this has already reached the ground water (taste has changed for one). If you are not the person to contact would you please pass this on. I can be reached best at (803) 464-2242 (work cell) or my office 803-481-6234 or one of the numbers below.

**\*Russell Davis\***

(803)773-0873 (home)

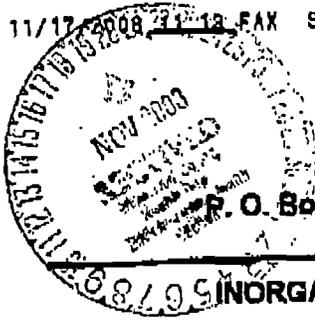
(803)464-2242 (work cell)

(910)214-4066 (personnel cell)

**Re: Dumping of oil/antifreeze.eml**

**Content-Type:** message/rfc822

**Content-Encoding:** 8bit



North Carolina State Laboratory of Public Health  
Department of Health and Human Services  
P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-2847

**INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM**

Name of System: Chappell, Mary  
Address: 1061 N NC177 Hwy  
Hamlet NC Zip: 28345  
County: RICHMOND  
Report To: Richmond Co. Health Dept.  
Post Office Box 428  
Rockingham, NC 28380-0429  
Courier: 03-76-02

Source of Water: Ground  
Source of Sample:  
Type of Sample: Raw  
Type of Treatment: None  
Type of Analysis: Private

ATTN: (910) 897-8320

Collected By: V HUDSON Date: 10/22/2008 Time: 1:20:00 PM  
Location of sampling point: O/T  
Remarks:

Parameters	Results	Units	Date Analyzed:
Alkalinity as CaCO3	0	mg/l	10/23/2008
Arsenic	<0.001	mg/l	10/23/2008
Calcium	0.8	mg/l	10/23/2008
Chloride IC	5	mg/l	10/23/2008
Copper	0.21	mg/l	10/23/2008
Fluoride	<0.20	mg/l	10/23/2008
Iron	<0.10	mg/l	10/23/2008
Hardness as CaCO3 (Ca,Mg)	6	mg/l	10/23/2008
Magnesium	0.8	mg/l	10/23/2008
Manganese	<0.03	mg/l	10/23/2008
Lead	0.091	mg/l	10/23/2008
pH	3.9	Std. units	10/23/2008
Zinc	<0.06	mg/l	10/23/2008



Data Received: 10/23/2008  
Today's Date: 11/12/2008

Report Date: 11/12/2008  
Ref: 14893

Login Batch: [REDACTED]

Reported By: *[Signature]*  
Sample Number: AB80237



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

August 22, 2008

Mr. Raymond Von Drehle  
Von Drehl Corporation  
612 Third Avenue  
Hickory, NC 28601

Re: Von Drehle Cordova Plant-Former Laurel Hill Paper Company  
126 First Street, Cordova, Richmond County, North Carolina

Dear Mr. Von Drehle:

I have reviewed the information submitted to this office by Terracon Environmental Consultants, on May 1, 2008. Based on the information that you have provided, it appears that earlier analytical ground water results detected some metals which were thought to be due to high turbidity levels during sample collection. However, the most recent sampling event found only one monitor well location with metals above the ground water quality standard. This well detected lead at a concentration of 17 micrograms per liter, which is only slightly above the 15 microgram per liter standard for lead. Naturally occurring lead is believed to be the source of this detection in ground water.

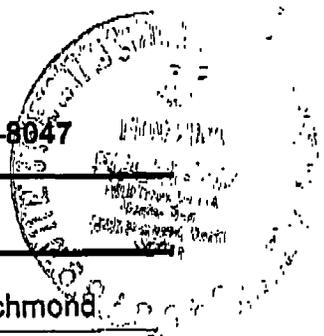
Therefore, no further remedial action is required by the Division of Waste Management ("the Division") unless it is later determined from new information or information not previously provided that the spill was not remediated or that the Division was provided with false or incomplete information. If you have any questions or concerns, please contact me at (910) 433-3345.

Sincerely,

P. Sean Boyles, L.G.  
Hydrogeologist II  
Inactive Hazardous Sites Branch  
Superfund Section

cc. Lori C. Hoffman, P.E.  
Terracon  
5240 Green's Dairy Road  
Raleigh, NC 27616

**North Carolina State Laboratory of Public Health  
 Department of Health and Human Services  
 P. O. Box 28407 - 306 N. Wilmington St. - Raleigh, N. C. 27611-8047**



**COLIFORM ANALYSIS - PRIVATE WATER SUPPLY**

**Name of Owner or Tenant:** Chappell, Mary **County:** Richmond  
**Address:** 1061 Hwy 177 North Hamlet, NC **ZIP:** 28345  
**Source:** Well **Type of Sampling Point:** O/T Back of house  
**Collected By:** BH **Date:** 11/17/2008 **Time:** 10:28 AM  
**Signed By:** Hancock, Bryan **Analysis Type:** Private

**Report To:** Richmond Co. Health Dept.  
 Post Office Box 429  
 Rockingham, NC 28380-0429 (910) 997-8320

**BACTERIOLOGIC ANALYSIS**

<u>CONTAMINANTS</u>	<u>RESULT</u>
Total Coliform (ColilertRoutine)	Absent

**Sample No:** AB14710 **Date Received:** 11/18/2008 **Time Received:** 8:20:00 AM  
**Date Reported:** 11/19/2008 **Today's Date:** 11/19/2008  
**Comments:**

*J. Beasley*

Richmond Co. Health Dept.  
 ATTN: Hancock, Bryan  
 Post Office Box 429  
 Rockingham, NC 28380-0429  
 Courier 03-75-02

RECEIVED NOV 21 2008

This is in response to your request for information concerning the status of potential alternate water service through the Department of Environment, Health and Natural Resources' (DENR's) Bernard Allen Emergency Drinking Water Trust Fund ("the Fund").

Based on the laboratory analytical results for your supply well and the affidavit that you provided, we recommended alternate water service for your household. When the Fund was created, one of the priorities mandated for its' use was to provide permanent solutions to alternate water needs by connecting eligible households with public water assistance. However, no provisions exist in the Fund to provide emergency bottled water service to eligible residents. Additionally, there is no money available to assist in this regard for the new fiscal year that began on July 1, 2008.

Although your supply well met the criteria necessary at that time to receive eligibility for the Fund, there have been some additional restrictions imposed on accessing the fund during the last legislative session which may have an impact on your future ability to obtain assistance. One of the restrictions imposed was a \$10,000 limit per household on how much the Fund could pay toward the cost of providing alternate water. In addition, local governmental entities or public utilities must share in the cost of providing alternate water service to their customers in order to access the Fund.

In March 2008, a representative of DENR contacted Rockingham County to determine if a county water line could be extended to your household. The response from Rockingham County was that they could not provide the water line extension to your area due to the high costs involved in extending county water to Busick Road. There is another funding mechanism that's available to help in providing alternate water through the National Rural Water Association's revolving loan program. However, the application for the loan program would need to be prepared by the applicable utility system to be considered.

RECEIVED DEC 12 2008

**North Carolina State Laboratory of Public Health**  
**Department of Health and Human Services**  
**P. O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047**

**INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM**

Name of System: Chappell, Mary  
 Address: 1061 N NC 177 Hwy  
 Hamlet, NC

Zip: 2834

County: RICHMOND

Report To: Richmond Co. Health Dept.  
 Post Office Box 429  
 Rockingham, NC 28380-0429  
 Courier: 03-75-02

ATTN: (910) 997-8320

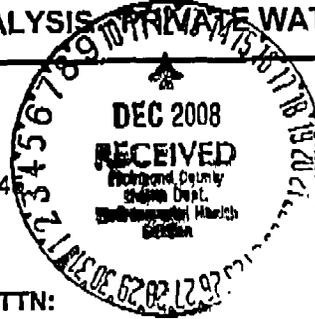
Source of Water: Ground

Source of Sample:

Type of Sample: Raw

Type of Treatment: None

Type of Analysis: Private



Collected By: V HUDSON

Date: 11/20/2008

Time: 7:00:00 AM

Location of sampling point: I/T

Remarks: Five minute draw

Parameters	Results	Units	Date Analyzed:
Silver	<0.05	mg/l	11/21/2008
Alkalinity as CaCO <sub>3</sub>	0	mg/l	11/21/2008
Arsenic	<0.001	mg/l	11/21/2008
Barium	<0.1	mg/l	11/21/2008
Calcium	0.5	mg/l	11/21/2008
Cadmium	<0.001	mg/l	11/21/2008
Chloride IC	<5	mg/l	11/21/2008
Chromium	<0.01	mg/l	11/21/2008
Copper	0.34	mg/l	11/21/2008
Fluoride	<0.20	mg/l	11/21/2008
Iron	<0.10	mg/l	11/21/2008
Hardness as CaCO <sub>3</sub> (Ca,Mg)	5	mg/l	11/21/2008
Mercury	<0.0005	mg/l	11/21/2008
Magnesium	0.9	mg/l	11/21/2008
Manganese	<0.03	mg/l	11/21/2008
Sodium	2	mg/l	11/21/2008
Lead	0.070	mg/l	11/21/2008
pH	4.6	Std. units	11/21/2008
Selenium	<0.005	mg/l	11/21/2008
Zinc	0.09	mg/l	11/21/2008

Date Received: 11/21/2008

Report Date: 12/10/2008

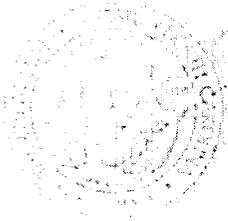
Reported By: *Debbie Monroe*

Today's Date: 12/10/2008

Ref: 16628

Login Batch: ~~XXXXXXXXXX~~

Sample Number: AB81856



# NORTH CAROLINA Office of State Personnel

Linda D. Coleman, Director



Quick Links

General Employment Information | Temporary Solutions | Continuous Job Postings | Career Fairs **NEW**  
Vacancy Listings: Agency | University | Occupational Group | County

For Job Seekers

**Correctional  
Officer  
Recruitment**

## NORTH CAROLINA CENTRAL UNIVERSITY

SELECT ANOTHER  
POSITION  
TO VIEW

**New Hospital  
Recruitment**



For HR Professionals

For State Employees

Website: [www.nccu.edu](http://www.nccu.edu)

[Print Version]

Local Government

**Position:** RESEARCH SCIENTIST  
**Working Title:** POST DOCTORAL GEOPHYSICIST  
**Vacancy Number:** 6090-1100-4912-222  
**Salary Grade:** FR  
**Department:** UNIVERSITY SYSTEM  
**Division:** NC CENTRAL UNIVERSITY  
**Type of Appointment:** Time-Limited Full-Time  
**Location:** DURHAM  
**Posting Date:** 04/20/2009  
**Closing Date:** Not Given  
**Number of Positions:** 1

State Personnel  
Commission

Personnel Policies

Career-Banding

### Description of Work

Equal Employment  
Opportunity

THIS EPA (EXEMPT FOR THE STATE PERSONNEL ACT) POSITION IS LOCATED IN THE CENTER FOR RESEARCH EXCELLENCE IN SCIENCE AND TECHNOLOGY. THIS POSTDOCTORAL RESEARCHER WILL LEAD THE COLLABORATIVE EFFORT BETWEEN NORTH CAROLINA CENTRAL UNIVERSITY AND THE CENTER FOR EARTHQUAKE RESEARCH AND INFORMATION (CERI) AT THE UNIVERSITY OF MEMPHIS, TN. THE PHYSICAL CONSTITUTION OF THE CRUST MANTLE IN THE NEW MADRID SEISMIC ZONE OF THE CENTRAL UNITED STATES WILL BE INVESTIGATED USING DATA OBTAINED FROM POTENTIAL FIELDS, PASSIVE ARRAY DEPLOYMENTS AND EARTHQUAKE SEISMIC DATA COLLECTED BY THE CERI COOPERATIVE SEISMIC NETWORK.

Training & Development

Services We Provide

THIS TIME-LIMITED POSITION ENDS 9/30/2013. RENEWAL OF FUNDS AWARDED ON AN ANNUAL BASIS.

Special Employee  
Programs

### Knowledge, Skills and Abilities

WE SEEK CANDIDATES WHOSE INTERESTS LIE IN UNDERSTANDING OF TECTONICS OF THE STABLE CONTINENTAL AREAS WITH EMPHASIS ON THE INVESTIGATION OF SEISMIC ZONES IN THE EASTERN AND CENTRAL UNITED STATES. EXPERIENCE IN SEISMIC TOMOGRAPHY AND POTENTIAL FIELD ANALYSIS IS HIGHLY DESIRABLE, AS WELL AS FAMILIARITY WITH NEW MADRID SEISMIC ZONE DATASETS. EXPERIENCE WITH UNIX OPERATING SYSTEM IS PREFERRED.

### Training and Experience Requirements

RECEIVED DEC 19 2008

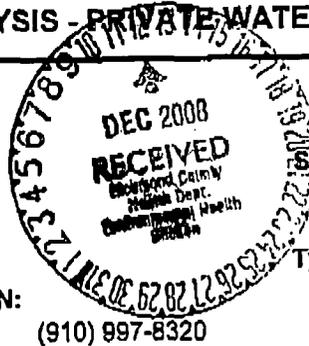
North Carolina State Laboratory of Public Health  
Department of Health and Human Services  
P. O. Box 28047 - 306 N. Wilmington St. -- Raleigh, N. C. 27611-8047

INORGANIC CHEMICAL ANALYSIS - PRIVATE WATER SYSTEM

Name of System: Chappell, Mary

Address: 1061 N NC177 Hwy  
Hamlet, NC

Zip: 28345



Source of Water: Ground

Source of Sample:

Type of Sample: Raw

Type of Treatment: None

Type of Analysis: Private

County: RICHMOND

Report To: Richmond Co. Health Dept.  
Post Office Box 429  
Rockingham, NC 28380-0429  
Courier: 03-75-02

ATTN: (910) 997-8320

Collected By: V HUDSON

Date: 11/20/2008

Time: 7:10:00 AM

Location of sampling point: I/T

Remarks: Fifteen minute draw

Parameters	Results	Units	Date Analyzed:
Lead	0.068	mg/l	11/21/2008

Date Received: 11/21/2008

Report Date: 12/10/2008

Reported By: *Debbie Moncol*

Today's Date: 12/10/2008

Ref: 16632

Login Batch: [REDACTED]

Sample Number: AB81860

THE SUCCESSFUL CANDIDATE MUST FULFILL ALL THE REQUIREMENTS FOR A PH.D DEGREE IN GEOPHYSICS AT THE TIME OF APPOINTMENT.

**How to Apply:**

To apply for SPA (subject to the State Personnel Act) positions, submit a State of North Carolina Application (PD107) by 5:00 p.m. on the closing date to the address listed on the vacancy announcement. Complete all sections of the application including the position number and job title. A resume is not acceptable in lieu of application for SPA positions. Degrees must be received from appropriately accredited institutions. Salary based upon education and experience of selected applicant, internal equity considerations and agency budget constraints. We accept applications Monday-Friday, 8:00 a.m. - 5:00 p.m. HR makes all official offers of employment for SPA positions.

To apply for EPA (exempt from the State Personnel Act) Faculty and Non-Faculty positions, submit a letter of interest, curriculum vitae or resume, official college transcripts from appropriately accredited institutions and names, addresses and telephone numbers of three professional references to the contact person listed on vacancy announcement. If a closing date is not listed, the position is open until filled.

NCCU, an EEO/AA employer, complies with the Immigration Reform and Control Act of 1986. All new employees must provide original documents verifying identity and employability within the first three (3) days of employment with the University. Accommodations for applicants who qualify under the Americans with Disabilities Act or 503 of the Rehabilitation Act of 1973, as amended, are available upon request.

Effective July 1, 2008 final candidates for employment will be subject to criminal and sex offender background checks. Some vacancies will also require credit or motor vehicle checks. A criminal conviction does not in itself prevent an applicant from being employed by the University. The nature of some convictions, however, cause certain positions to be unavailable to the applicant. Failure to completely disclose information about conviction on an employment application is considered falsification of the employment application and will result in the applicant not being eligible for employment at the University.

**Contact Person:** GORDANA VLAHOVIC  
**Contact Agency:** NC CENTRAL UNIVERSITY  
**Contact Address:** P.O. BOX 17914  
1801 FAYETTEVILLE ST  
DURHAM, NC 27707-0000  
**Contact Phone:** 919-530-5172/Ext: 00000  
**Contact Fax:** 000-000-0000  
**Contact E-mail:** GVLAVHOVIC@NCCU.EDU

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The vacancy system is provided by the Office of State Personnel.  
Individual vacancy information is provided by each agency/university.

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North Carolina State Laboratory of Public Health  
Department of Health and Human Services  
P. O. Box 28047 - 306 N. Wilmington St. - Raleigh, N. C. 27611-8047

INORGANIC CHEMICAL ANALYSIS PRIVATE WATER SYSTEM

Name of System: Chappell, Mary

Address: 1061 N NC177 Hwy  
Hamlet, NC

Zip: 28345

County: RICHMOND

Report To: Richmond Co. Health Dept.  
Post Office Box 429  
Rockingham, NC 28380-0429  
Courier: 03-75-02

ATTN: (910) 997-8320

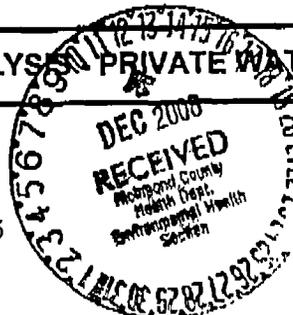
Source of Water: Ground

Source of Sample:

Type of Sample: Raw

Type of Treatment: None

Type of Analysis: Private



Collected By: V HUDSON

Date: 11/20/2008

Time: 6:55:00 AM

Location of sampling point: I/T

Remarks: First draw

Parameters	Results	Units	Date Analyzed:
Lead	0.063	mg/l	11/21/2008

Date Received: 11/21/2008

Report Date: 12/10/2008

Reported By: *Debbie Moulton*

Today's Date: 12/10/2008

Ref: 16633

LogIn Batch:

Sample Number: AB81861

# MARGIN ACCOUNT AGREEMENT

**\*\* IMPORTANT TO READ \*\***

This Margin Account Agreement contains a **Predispute Arbitration Clause** which is located in Paragraph 2 below. This Margin Account Agreement also includes and incorporates by reference the Margin Disclosure Statement, Day-Trading Risk Disclosure Statement and the Truth-in-Lending Statement attached hereto (together, the "Agreement").

**1) Acknowledgements and Representations.** By opening a ShareBuilder Margin Account at ShareBuilder Securities Corporation ("ShareBuilder"), or by converting a pre-existing Non- Margin ShareBuilder Account to a ShareBuilder Margin Account, you acknowledge and represent that:

a) You have read and understand this Agreement, and ShareBuilder's separate PRIVACY POLICY and that you agree to be bound by such all terms and conditions included therein. Your clicking on "I Agree" is legally the same as manually signing this Agreement. ShareBuilder reserves the right to change or terminate this Agreement and you hereby agree to consent to consult the ShareBuilder Website periodically to review the most up to date Agreement. Your use of the ShareBuilder Service after a change to the ShareBuilder Service or after notice of change to this Agreement, or if you do not close your ShareBuilder Account within fifteen (15) calendar days of such change(s) or notice, means that you accept the changes, whether or not you actually know of them. Changes required by law, however, will be effective immediately.

b) This Agreement amends, supplements and incorporates by reference the Account Agreement between you and ShareBuilder. In the event of a direct conflict between this Agreement and the Account Agreement, the terms of this Agreement shall control for matters or services related to this Agreement. For purposes of this Agreement, the term "Customer" or "you" shall also refer to your investment adviser or sub-adviser, acting as your agent (if applicable). Capitalized terms used in this Agreement and not otherwise defined shall have same the meaning as in the Account Agreement.

c) If you are an existing ShareBuilder customer with an approved cash account, by applying and being approved for a margin account, you understand your entire cash account will be converted to a margin account and your cash account will no longer exist. You understand that you will effect all transactions in your ShareBuilder Margin account via the ShareBuilder Web site and receive all communications from ShareBuilder via the World Wide Web or e-mail. Such communications will include but not necessarily be limited to confirmations of transactions, account statements, tax documents, financial statements and reports of portfolio holdings, reorganization notices, proxy materials, notices of modifications to this Agreement and ShareBuilder's Privacy Policy, as well as annual and semiannual audited and unaudited reports for ShareBuilder and other basic communications. You agree to advise ShareBuilder promptly of any errors or omissions in any transaction or in the handling of your account. Failure to provide prompt notice of any errors will be deemed to constitute acceptance of the accuracy of all information sent to you.

d) If you are opening a ShareBuilder Margin Account in response to bank or credit union ("Depository Institution") sponsored advertising or a web site provided by a Depository Institution, you hereby specifically acknowledge your understanding that investments through ShareBuilder are not insured by the FDIC or NCUA; are not a deposit or other obligation of, or guaranteed by, the Depository Institution; and are subject to investment risks, including possible loss of the principal amount invested.

e) As a self-directed investor you understand that: (i) you alone are responsible for determining the suitability of your investment choices and investment strategies in light of your particular circumstance; (ii) ShareBuilder assumes no responsibility for such choices or determinations; and (iii) all orders are unsolicited, and that the market values of securities can and do fluctuate. Additionally, ShareBuilder cannot advise you, nor comment concerning the nature, risk or suitability of any security, transaction or investment strategy. ShareBuilder does not give legal or tax advice. You are of the age of majority as defined by the laws of the state of your home of record in order to enter into this Agreement and be bound thereby.

f) By applying for a margin account or placing an order on margin, you acknowledge that you have carefully considered all of the factors set forth in the following paragraph and the terms of this Agreement and have decided that margin financing is appropriate for you.

Margin transactions involve the possibility of greater loss than transactions for which you are not borrowing money. If the value of the securities and other assets in your ShareBuilder Account, falls, you may be required to deposit additional assets to secure your loan. Alternatively, ShareBuilder may sell the assets in your ShareBuilder Account to pay down or pay off the loan without prior notice to you and at a loss or at lower prices than under other circumstances. Normal commissions for your account will be applied to any such sales. You remain solely liable for any deficiencies arising from such sales.

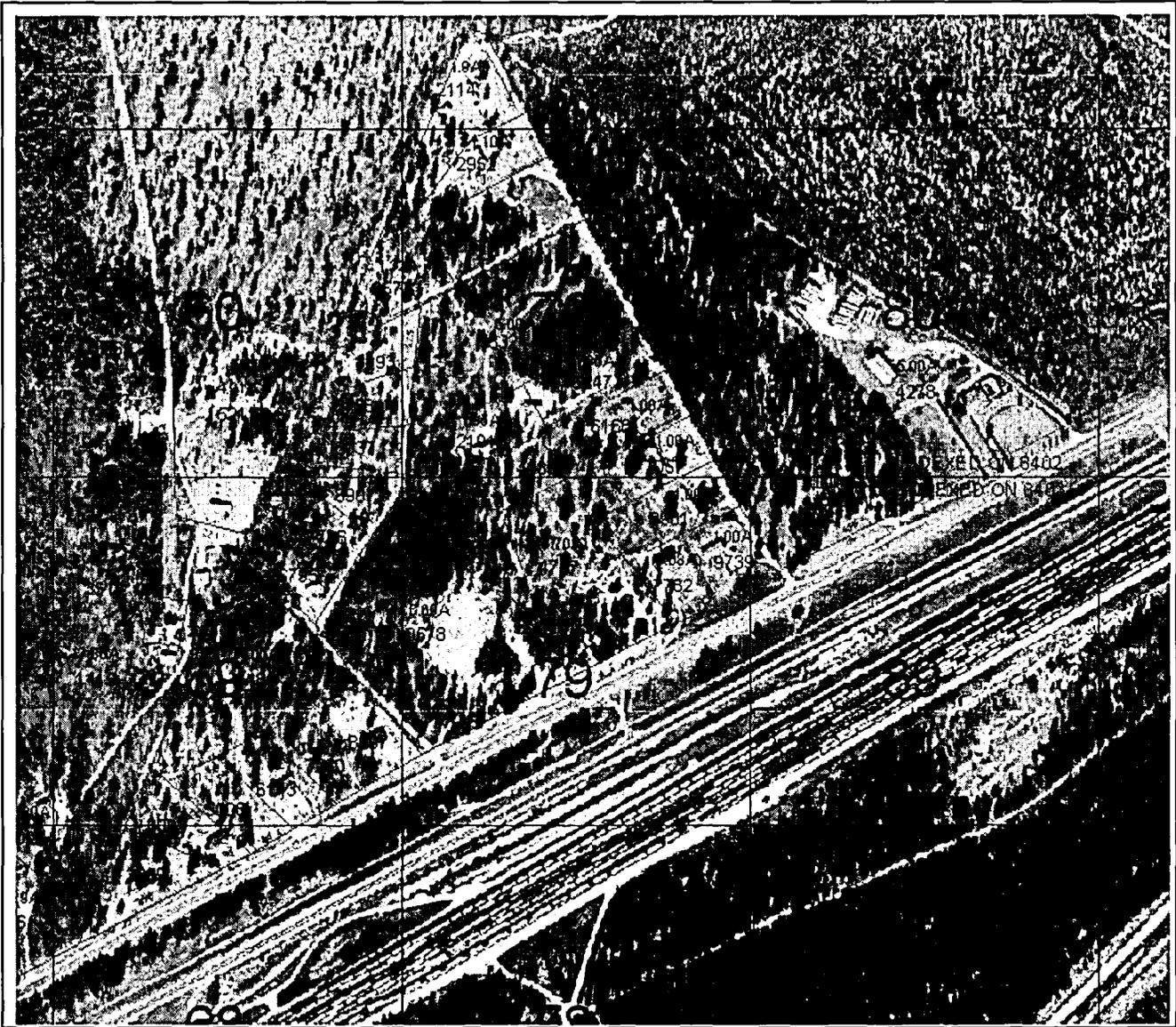
You carefully considered your own financial condition, tolerance for risk and investment objectives, as well as market conditions, before you decided to use margin credit account features. ShareBuilder has made available to you certain information relating to margin trading and that before submitting your application for a margin account, you had an opportunity to review this



# RICHMOND COUNTY

NORTH CAROLINA

Printed On:  
5/26/2010



**Disclaimer:** All information on this map is prepared for the inventory of real property found within Richmond County. All data, including maps, is compiled from recorded deeds, plats, and other public records and data. Users of this data are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information. All information contained herein was created for the County's internal use. Richmond County, its agents and employees make no warranty as to the correctness or accuracy of the information set forth on this media whether express or implied, in fact or in law, including without limitation the implied warranties of merchantability and fitness for a particular use. Any resale of this data is strictly prohibited in accordance with North Carolina General Statute 132-10. Grid is based on North Carolina State Plane NAD83.



OWNERSHIP 03122009 22473 301 |PROPERTY DESCRIPTION |TAX SUBDIVISIONS |MAP NUMBER CARD NO

RUSSELL HERMAN M & LINDA |AC & DWIDE 1027 177 N |MARKS CREEK |840200799739 1  
 PO BOX 1445 | | | |RECORD NUMBER:. 22473  
 HAMLET, NC 28345 | |HAMLET FIRE |ROUTE 8402 00 001  
 | | | |LISTER:9,28,95SR  
 |K08 44 | | |REVIEW:RL062006

.....68.....|TOPO |STREET |UTILITY |ZONING 1.00 ACRES

: |LEVEL |PAVED |PUBWATER|  
 : |ROLLING | |SEPTIC |RV05/00NOTES:NEW DWIDE HERE FOR 2000  
 : | | | | :NO NEW CONST FOR 2001

: |#|LAND CLASS | SIZE |BASERATE\*FRNT\*DPH\*ADJ=ADJRATE\*UNITS=LND-VALUE

2 |1| 1HBLD SITE| 1.00AC| 7280| | | | 7280| 1.00| 7280  
 8 A-  
 : MANFHOME :  
 : :  
 : :  
 : :  
 : :  
 : :LAND VALUE: 7280

@.....68.....:|#|OTHER FEAT | SIZE |BASERATE\*COND =ADJRATE\*UNITS=OFB-VALUE

1 1 |1-11 UTILBLDG| 0| | | | 200  
 0 B- 0  
 : DECK :  
 :....17....  
 :  
 :  
 :  
 :  
 :  
 :OTHER VALUE: 200

|FNDATION|XTRFNISH|ROOFTYPE|ROOFMTRL|SIZE/QTY| DPRT:6-MFG DW/T

PIERS	AL/VYN	GABLE	ASPHSHNG	
				1.00STHT
WALLFNHSH	FLOORS	HEAT&AIR	HEATFUEL	
DRY WALL	TILE	FHA	ELECTRIC	
	CARPET	PCKAGEAC		5 ROOM
				1.00LFUF

DWELLING C-10 B1999 GOOD CONDITION

DIMENSIONS:A-CU28R68D28L68 B-R25CD10R17U10L17H

#	STRUCTURE	SKTCH-SF*STHT=	AREA	RATE*GRDF+HEAT+EXWL*WLHT=ADJRAT*	AREA=	RPCN*	DEPF*CNDF=STR-VALUE
A	4CMANFHOME	1904 1.00	1904	32.39 0.90 3.08	32.23	1904	61366  0.80 0.95  46638
	2.00 BATHS				1579.00		3158  0.80 0.95  2400
B	93 DECK	170 1.00	170	7.96 0.90	7.16	170	1217  0.80 0.95  925
		1904HSF, 2074TSF		RPCN- 34.53/HSF		65741	VALU- 26.24/HSF 49963

STRUCTURE VALUE: 49963

VALUATION| VALUE|PREV-VAL. |P-N%| | | TOTAL VALUE 57443

5/26/2010

Richmond County Property Cards

LAND				7280	6500 112%			7280LV/AC
OTHERFEAT				200				
STRUCTURE				49963	50832  98%			30TV/HSF
TOTAL				57443	57332 100%			30TV/HSF

---

APPRAISED-VALUE: 57443

---

Richmond County Property Cards

OWNERSHIP 03122009 22473 301 |PROPERTY DESCRIPTION |TAX SUBDIVISIONS |MAP NUMBER CARD NO

RUSSELL HERMAN M & LINDA |AC & DWIDE 1027 177 N |MARKS CREEK |840200799739 1  
 PO BOX 1445 | | | |RECORD NUMBER:. 22473  
 HAMLET, NC 28345 | |HAMLET FIRE |ROUTE 8402 00 001  
 | | | |LISTER:9,28,95SR  
 |K08 44 | | |REVIEW:RL062006

.....68.....|TOPO |STREET |UTILITY |ZONING 1.00 ACRES

: |LEVEL |PAVED |PUBWATER|  
 : |ROLLING | |SEPTIC |RV05/00NOTES:NEW DWIDE HERE FOR 2000  
 : | | | | :NO NEW CONST FOR 2001

: |#|LAND CLASS | SIZE |BASERATE\*FRNT\*DPHT\*ADJ=ADJRATE\*UNITS=LND-VALUE

2 |1| 1HBLD SITE| 1.00AC| 7280| | | | 7280| 1.00| 7280

8 A-  
 : MANFHOME

: |LAND VALUE: 7280

@.....68.....:|#|OTHER FEAT | SIZE |BASERATE\*COND =ADJRATE\*UNITS=OFB-VALUE

1 1 |1-11 UTILBLDG| 0| | | | 200

0 B- 0  
 : DECK :  
 :....17....

|OTHER VALUE: 200

|FNDATION|XTRFNISH|ROOFTYPE|ROOFMTRL|SIZE/QTY| DPRT:6-MFG DW/T

|PIERS |AL/VYN |GABLE |ASPHSHNG| |  
 | | | | |1.00STHT|

|WALLFNH|FLOORS |HEAT&AIR|HEATFUEL| |

DRY WALL	TILE	FHA	ELECTRIC	
	CARPET	PCKAGEAC		5 ROOM
				1.00LFUF

DWELLING C-10 B1999 GOOD CONDITION

DIMENSIONS:A-CU28R68D28L68 B-R25CD10R17U10L17H

#|STRUCTURE|SKTCH-SF\*STHT= AREA RATE\*GRDF+HEAT+EXWL\*WLHT=ADJRAT\* AREA= RPCN\* DEPF\*CNDF=STR-VALUE

A| 4CMANFHOME| 1904|1.00| 1904| 32.39|0.90|3.08| | | 32.23| 1904| 61366| 0.80|0.95| 46638

| 2.00 BATHS| | | | | | 1579.00| | 3158| 0.80|0.95| 2400

B|93 DECK | 170|1.00| 170| 7.96|0.90| | | | 7.16| 170| 1217| 0.80|0.95| 925

1904HSF, 2074TSF RPCN- 34.53/HSF 65741 VALU- 26.24/HSF 49963

STRUCTURE VALUE: 49963

VALUATION| VALUE|PREV-VAL.|P-N%| | | TOTAL VALUE 57443

5/26/2010

Richmond County Property Cards

LAND			7280	6500	112%			7280LV/AC
OTHERFEAT			200					
STRUCTURE			49963	50832	98%			30TV/HSF
TOTAL			57443	57332	100%			30TV/HSF

---

APPRAISED-VALUE: 57443

---

OWNERSHIP 03122009 5863 305 |PROPERTY DESCRIPTION |TAX SUBDIVISIONS |MAP NUMBER CARD NO  
 CHAPPELL MARY L |AC & DWELLING HWY 177 |MARKS CREEK |840300804278 1  
 |INF HEARING CHANGE FOR 09 | | |RECORD NUMBER:. 26332  
 1061 HWY 177 N | | |HAMLET FIRE |ROUTE 8403 00 109  
 HAMLET, NC 28345 | | | |LISTER:8/30/95SR  
 DEED: 670 859 09191984 |K08 46 1 | | |REVIEW:3/10/09TV

.....17.....14.....7.. |TOPO |STREET |UTILITY |ZONING 5.00 ACRES

: : : : |LEVEL |PAVED |PUBWATER|  
 : 8 D- 8 8 | | |SEPTIC| NOTES:DBA RICHMOND MULCH CO INC  
 : :ENCPORCH: : | | | | :

: :...14...: :.....20..... #|LAND CLASS | SIZE |BASERATE\*FRNT\*DPH\*ADJ=ADJRATE\*UNITS=LND-VALUE  
 : : : : |1| 1GBLD SITE| 1.00AC| 6720| | | 6720| 1.00| 6720  
 : : : : |2|21GCLEAR | 3.00AC| 3276| 0.70ACF| | 2293| 3.00| 6879  
 : : : : |3|11GROADFTG | 1.00AC| 5040| 0.70ACF| | 3528| 1.00| 3528  
 : : : : | : : : :  
 : : : : | : : : :  
 : : : : | : : : :  
 : : : : |LAND VALUE: 17127

5 3 : #|OTHER FEAT | SIZE |BASERATE\*COND =ADJRATE\*UNITS=OFB-VALUE  
 1 C- 5 A- : |1| 6CSHOP | 30\* 54| 11.16|0.30 | 3.35| 1620| 5427  
 : SNG FAML: SNG FAML 4|2| 1DUNFFRGAR| 16\* 30| 14.96|0.10 | 1.50| 480| 720  
 : : : 3|3| 7DSHED | 40\* 60| 6.72|0.10 | 0.67| 2400| 1608  
 : : : : 4|4| 12CPOOL | 20\* 40| 21.50|0.50 | 10.75| 800| 8600  
 : : : : 5|5| 17DCHAINLKF|1300\* 6| 1.01|0.30 | 0.30| 7800| 2340  
 : : : : 6|6| 11BUTILBLDG| 12\* 20| 8.33|0.30 | 2.50| 240| 600  
 : : : : 7|7| 11DUTILBLDG| 20\* 37| 5.26|0.50 | 2.63| 740| 1946  
 : : : : | : : : :  
 : : : : |OTHER VALUE: 21241

: @.....28..... : |FOUNDATION|XTRFNISH|ROOFTYPE|ROOFMTRL|SIZE/QTY|  
 : : : : |BRICK |BRICK |HIP |ASPHSHNG| |  
 : 8 B- 8 : | | | | |1.00STHT|  
 : : OPNPORCH : | | | | | |

:...17.....28.....:13...: |WALLFNHSH|FLOORS |HEAT&AIR|HEATFUEL| |  
PANEL	TILE	HTG & AC	ELECTRIC		
DRY WALL	CARPET			5 ROOM	
					1.00LFUF

DWELLING C B1968E1975 AVERAGE CONDITION

DIMENSIONS:A-CU35R14U8R7D8R20D43L13U8L28 B-CD8R28U8L28 C-D8CL17U51R17D51 D-U35CR14U8L14D8H

#	STRUCTURE	SKTCH-SF*STHT=	AREA	RATE*GRDF+HEAT+EXWL*WLHT=ADJRAT*	AREA=	RPCN*	DEPF*CNDP=STR-VALUE
A	1CSNG FAML	1595 1.00	1595	56.48	2.50 2.50	61.48	1595  98061  0.67  65701
	2.00 BATHS					2210.00	4420  0.67  2961
	1 FIREPLACE					1795.30	1795  0.67  1203
	1 CHIMNEYS					966.70	967  0.67  648
B	85 OPNPORCH	224 1.00	224	21.16		21.16	224  4740  0.67  3176
C	1 SNG FAML	867 1.00	867	56.48	2.50 2.50	61.48	867  53303  0.67  35713
D	86 ENCPORCH	112 1.00	112	31.79		31.79	112  3560  0.67  2385
		2462HSF,	2798TSF			RPCN- 67.77/HSF	166846 VALU- 45.40/HSF 111787

STRUCTURE VALUE: 111787

VALUATION| VALUE|PREV-VAL.|P-N%| | | TOTAL VALUE 150155

5/25/2010

Richmond County Property Cards

LAND			17127	13170 130%			3425LV/AC
OTHERFEAT			21241	33081  64%			
STRUCTURE			111787	97484 114%			60TV/HSF
TOTAL			150155	143735 104%			60TV/HSF

---

APPRAISED-VALUE: 150155

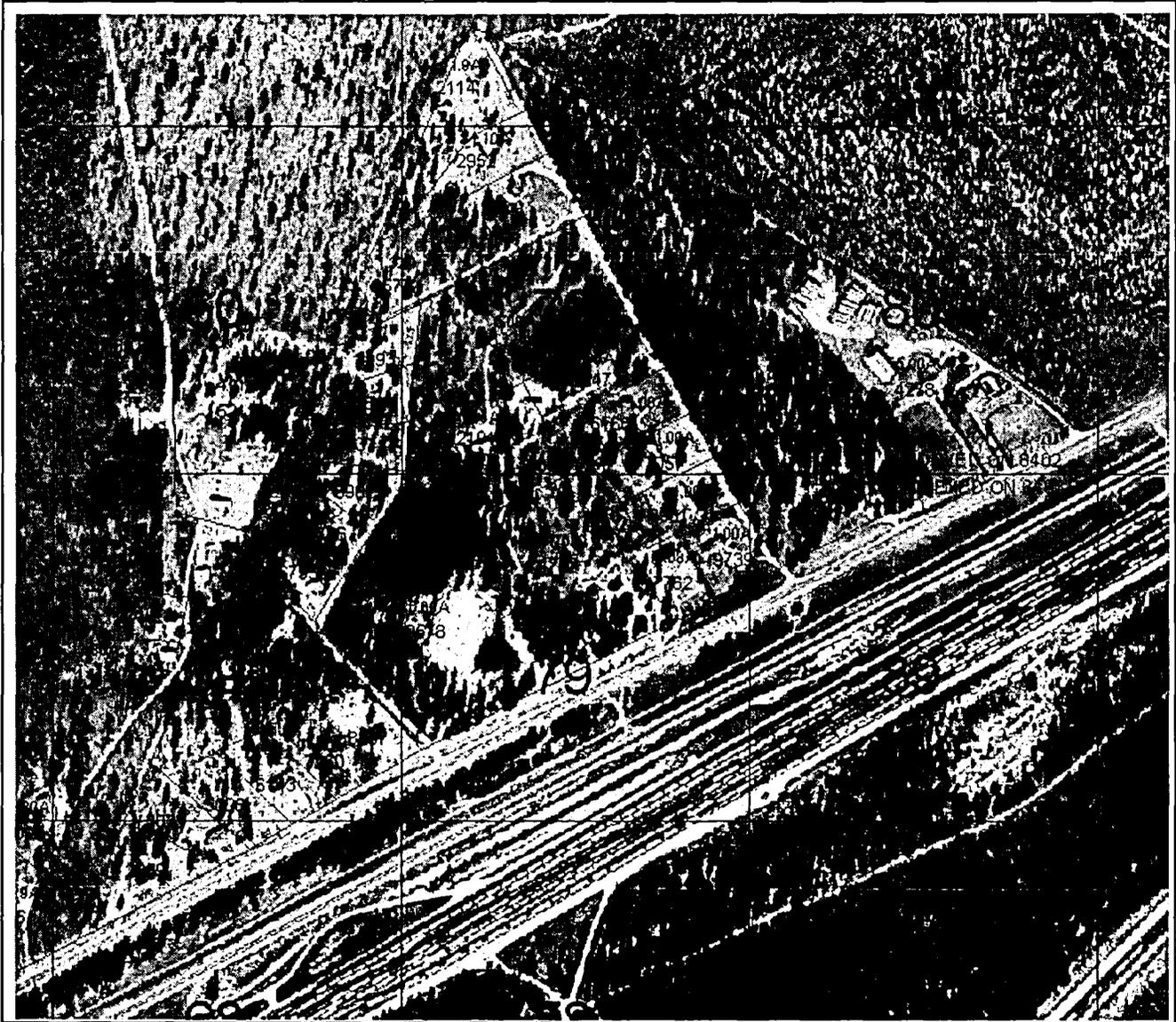
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# RICHMOND COUNTY

NORTH CAROLINA

Printed On:  
5/26/2010



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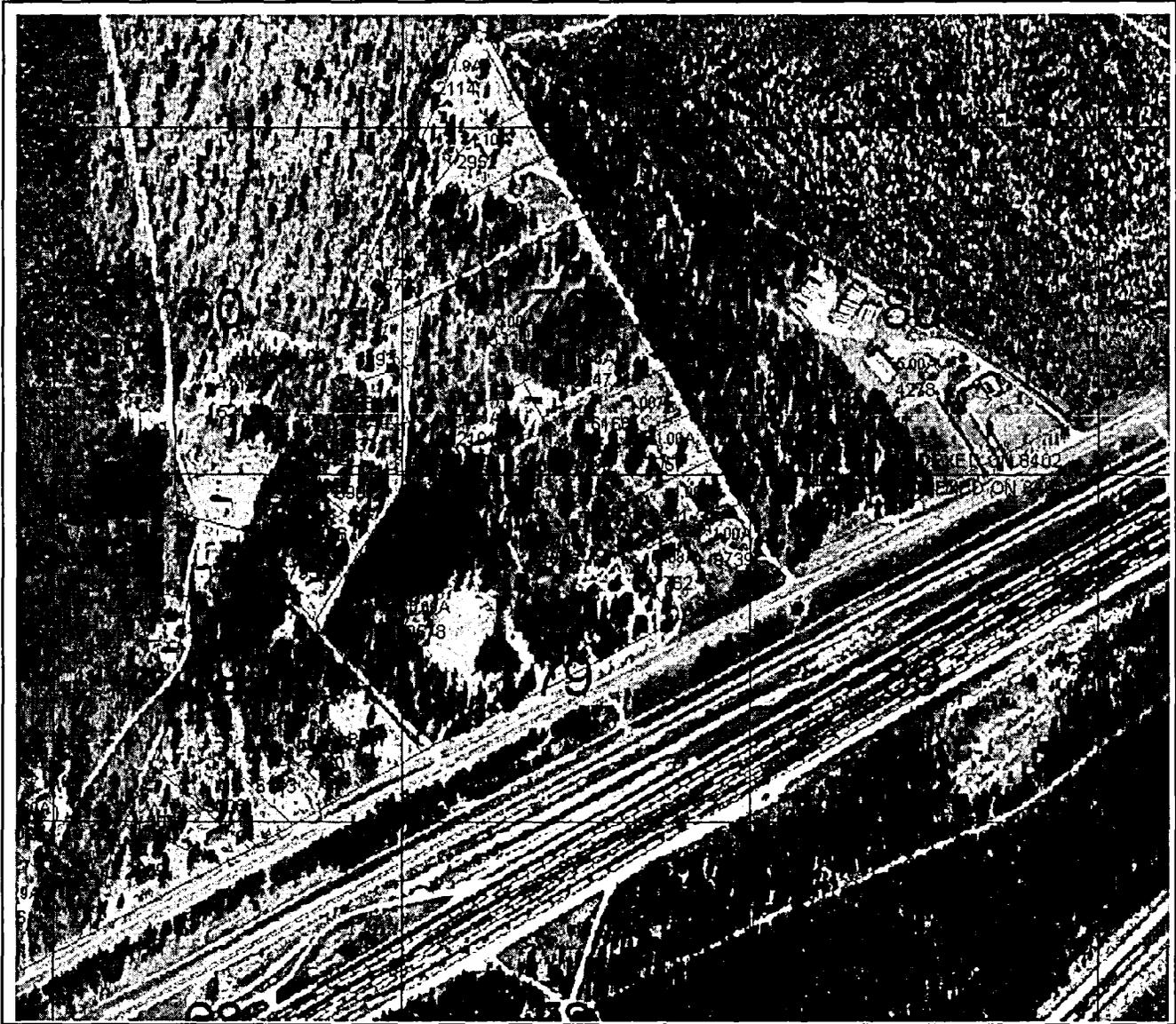




# RICHMOND COUNTY

NORTH CAROLINA

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5/26/2010



**Disclaimer:** All information on this map is prepared for the inventory of real property found within Richmond County. All data, including maps, is compiled from recorded deeds, plats, and other public records and data. Users of this data are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information. All information contained herein was created for the County's internal use. Richmond County, its agents and employees make no warranty as to the correctness or accuracy of the information set forth on this media whether express or implied, in fact or in law, including without limitation the implied warranties of merchantability and fitness for a particular use. Any resale of this data is strictly prohibited in accordance with North Carolina General Statute 132-10. Grid is based on North Carolina State Plane NAD83.





# RICHMOND COUNTY

NORTH CAROLINA

Printed On:  
5/26/2010



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Franklin Rd

George Dawkins Dr

17

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Google



1061 N NC Highway

N NC Hwy 177

109 Atkinson St, Hamlet, NC 28345

Dobbins Heights

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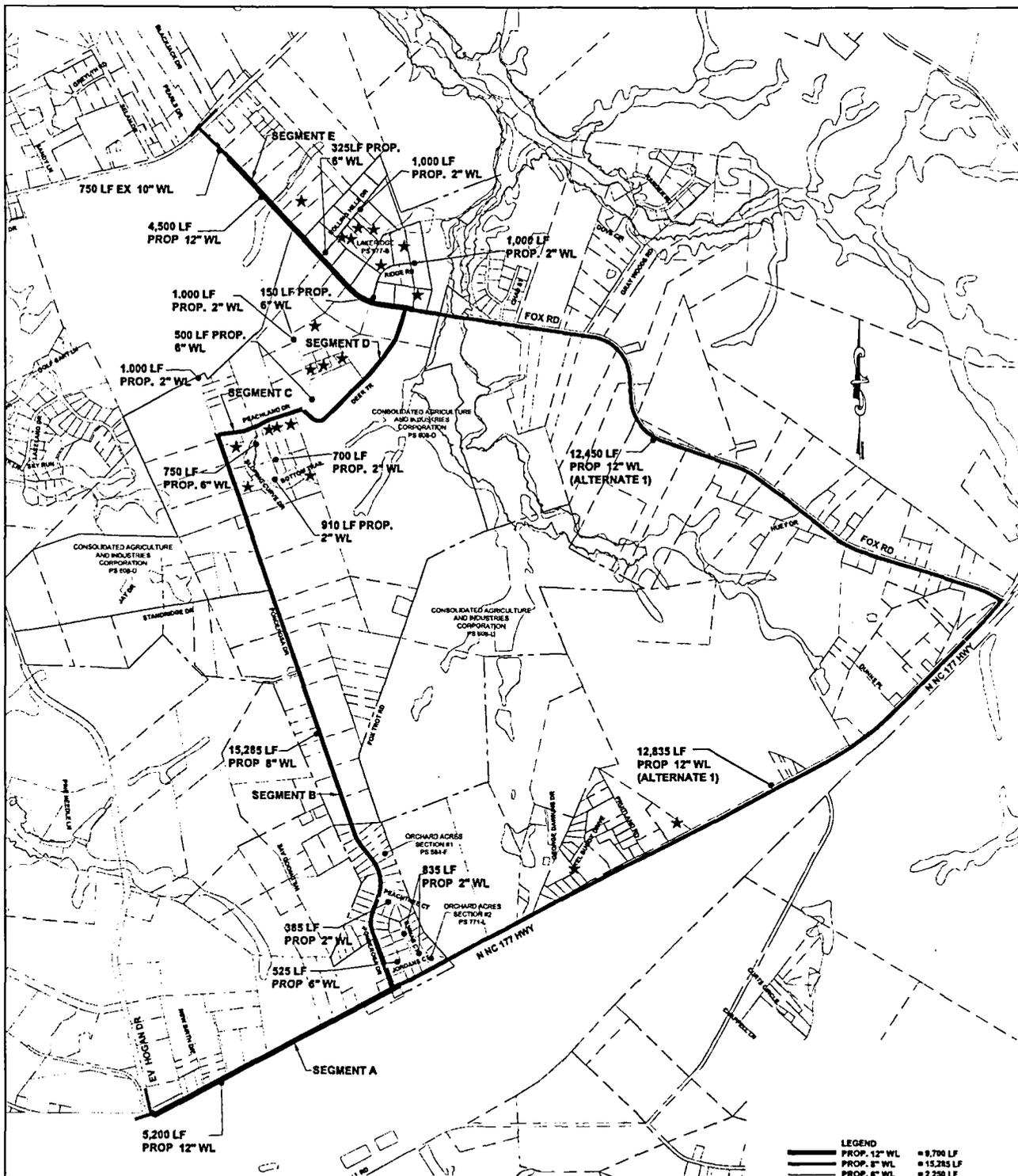
Google

34°55'17.56" N 79°39'18.01" W

elev 431 ft

Feb 2005

Eye alt 18903 ft



**LEGEND**

— (thick line)	PROP. 12" WL	= 9,700 LF
— (medium line)	PROP. 8" WL	= 15,285 LF
— (thin line)	PROP. 6" WL	= 2,250 LF
— (dashed line)	PROP. 2" WL	= 6,838 LF
	<b>TOTAL PROP. WL</b>	<b>= 34,063 LF</b>

★ CONTAMINATED WELLS

— (thick line)  
ALTERNATE 1 = 25,286 LF  
GRAPHIC SCALE



**FOX ROAD WATER LINE EXTENSION  
RICHMOND COUNTY NORTH CAROLINA  
FIGURE 1**

 <b>Municipal Services</b> <small>P.O. BOX 57 GARNER, N.C. 27529 8193 773-3383</small>	 <b>ME Engineering Company, P.A.</b> <small>P.O. BOX 528 BLOOMINGHEAD CITY, N.C. 28607 (919) 283-1787 (919) 283-9811</small>
--	--



1019 N Carolina 177

Exit Photo



Google

Eye alt 432 ft



1031 King St

Exit Photo



© 2011 Google

Eye alt 429 ft



NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT

MICHAEL F. EASLEY, GOVERNOR  
WILLIAM G. ROSS, JR., SECRETARY  
DEXTER R. MATTHEWS, DIRECTOR



FAX TRANSMITTAL RECORD

DATE: 09/25/08

TO: Sean Boyles

FAX #: 919 486 0707

FROM: Hanner Superfund Section

RE: \_\_\_\_\_

Number of pages (including cover) 2

Comments: Sean - Scanner problems

Confirm receipt of document(s):  
\_\_\_\_\_, Superfund Section (919) 733-2801, ext. \_\_\_\_\_

SF/slb(C:\WPWIN60\WPDOCS\SF\SF-FAX.FRM)

1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646  
401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605  
PHONE: 919-733-4996 FAX: 919-715-3605  
AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

**Memorandum:**

Date: September 25, 2008

TO: Sean Boyles  
Fayetteville Regional Office  
Inactive Hazardous Sites Branch

FROM: Hanna Assefa *elb*  
Industrial Hygiene Consultant  
Inactive Hazardous Sites Branch

RE: Health Risk Evaluation  
Mary Chappel Residence  
1061 Hwy 177 North,  
Hamlet, Richmond County, North Carolina

During this sampling event, one contaminant was detected in the well water. The contaminant, trichloroethene, was detected at a concentration exceeding the applicable water standard. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L).

If the contaminant concentration exceeds the applicable standard for using the water for drinking and cooking, the contaminant concentration is further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Based on this evaluation the water from this well should not be used for drinking and cooking. The water from this well can be used for all other purposes described above.** The table below compares the detected contaminant concentration with the applicable standards:

Sample ID	Contaminant	Concentration (ug/l)	MCL (ug/l)	2L (ug/l)
GWO -77142	Trichloroethene	36	5	NA

Shaded boxes indicate a standard has been exceeded.  
NA - Not Applicable

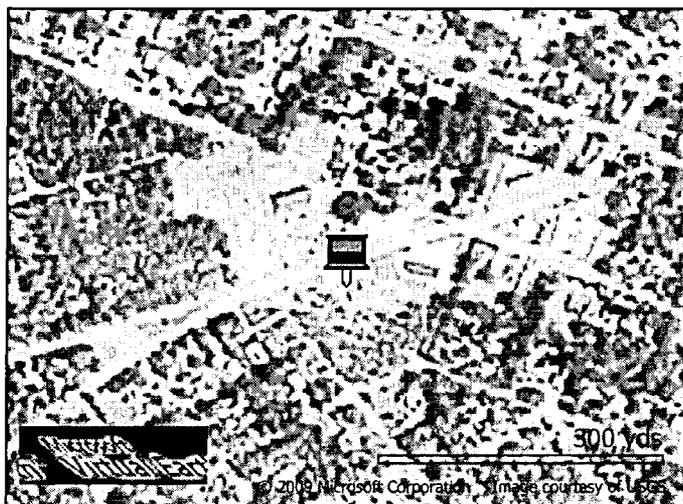
[Find a Business](#)[Find a Person](#)[Maps & Directions](#)[Search by Phone](#)[Area & Zip Codes](#)[Web Search](#)FIRST:  LAST:  CITY:  STATE:  

### Mary L Chappell

1061 N Nc Highway #177  
Hamlet, NC 28345  
(910) 582-6882

[Add to Address Book](#) | [Map](#) | [Driving Directions](#)

[Remove Listing](#)



### MORE INFORMATION ON Mary L Chappell

- (910) 582-6882 is a Land Line phone.
- The local time is 11:04 AM.
- Location: Hamlet, NC



### Find More Information for Mary L Chappell



#### [Email and Unlisted Phone Lookup](#)

Find Mary L Chappell's Email Address & Unlisted Number.



#### [Get Detailed Background Information](#)

Run a Background Check on Mary L Chappell



#### [Verify Public Records](#)

Does Mary L Chappell Have any civil court records?



#### [View Property & Area Information](#)

What is this property worth?



#### [View Social Network Profile](#)

Find Mary L Chappell online personality



#### [Get Complete Address History](#)

Find Mary L Chappell address history

## Public Record Search

PUBLIC RECORDS FOUND FOR MARY CHAPPELL WITH CURRENT & VERIFIED PHONE & ADDRESS

FIRST NAME:  LAST NAME:  CITY:  STATE:  

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data by ACTION

Some business data provided by infoUSA, Inc. Copyright © 2007

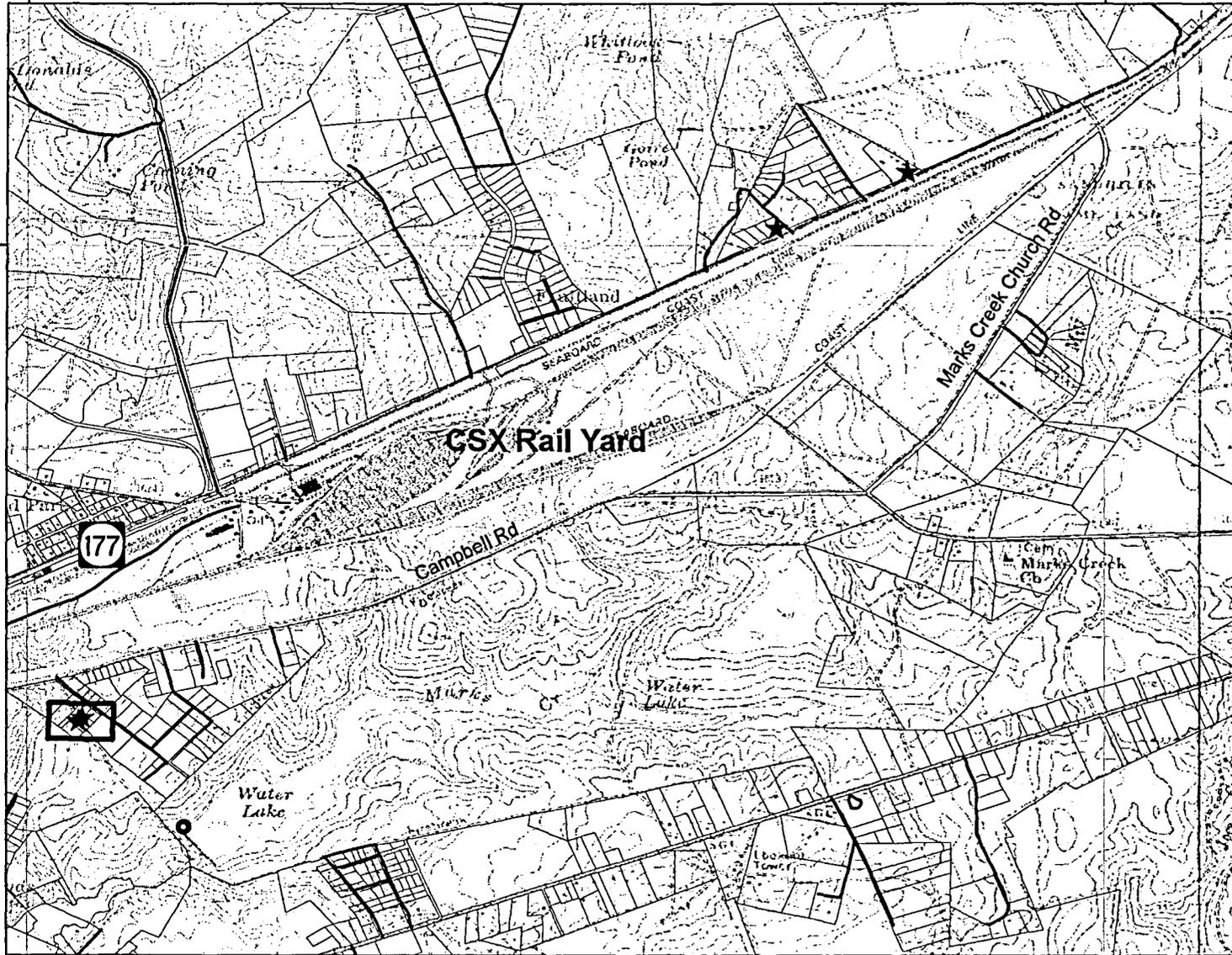


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-79 678535

-79 629150



# Contaminated Wells of Richmond County, NC Selected Sites

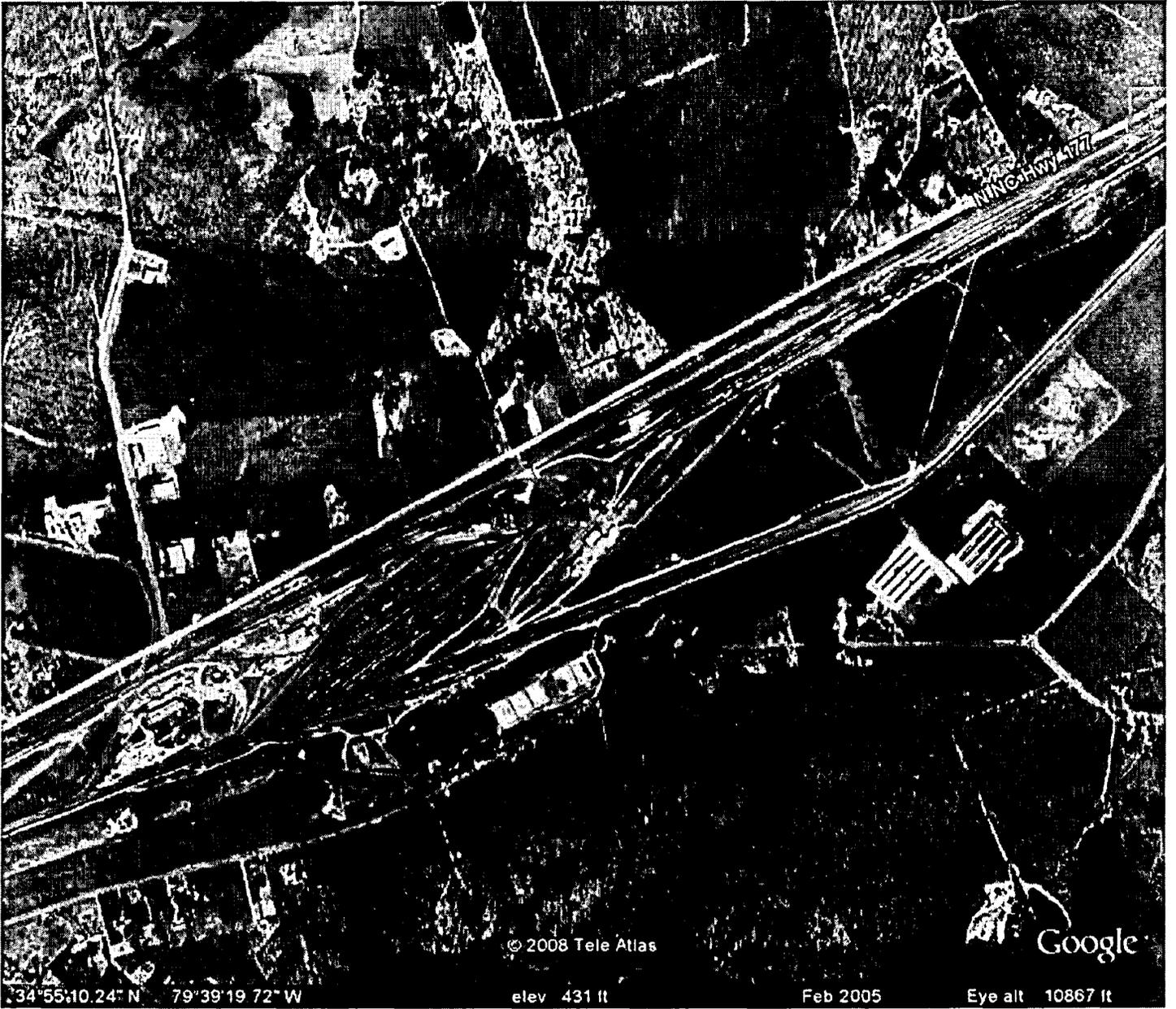
## Legend

- ★ DCBP Detected
- ☆ DCP Detected
- ★ DCA Detected
- ★ TCE Detected



34 625845





Highway 577

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Google

34°55'10.24" N 79°39'19.72" W

elev 431 ft

Feb 2005

Eye alt 10867 ft