*730IHSSF1228*

DocumentID NONCD0002817

Site Name AGATHA DRVE

DocumentType Other (O)

RptSegment 1

DocDate 4/25/2011

DocRcvd 4/25/2011

Box SF1228

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

**SITE HEALTH AND SAFETY PLAN**

**A. General Information**

Site Name Agatha Drive ID # NONCD 000 2817

7095 Agatha Drive, Stokesdale, Guilford County, NC

Proposed Date of Investigation 3/24/11 to 4/24/11

Date of Briefing 3/3/11

Date of Debriefing 4/25/11

Nature of Visit (check one):

| | |
|---|---|
| On-Site Reconnaissance | |
| Off-Site Reconnaissance | |
| Sampling | X |
| Sampling Overview | |
| Remediation Overview | |

Health Department Official Contacted Ken Carter's voice mail

Date of Contact 3/3/11

Site Investigation Team: All site personnel have read the Site Health and Safety Plan and are familiar with its provisions.

| Personnel | Responsibilities | Signature |
|---|---|---|
| Team 1 Vince Antrilli | team leader, sampling | |
| Team 1 Larry Rose | sampling | |

Plan Preparation:

Prepared By: David Lilley, Industrial Hygiene Consultant

Reviewed By: Jack Butler, Superfund Section Chief

## B. SITE/WASTE CHARACTERISTICS

Waste Type(s) _X_ Liquid _____ Solid _____ Sludge ____ Gas _X_ Vapor

Characteristics _____ Corrosive _X_ Ignitable _____ Radioactive

_X_ Volatile _X_ Toxic _____ Reactive _____ Other

List Known or Suspected Hazards (physical, chemical biological or radioactive) on Site and their toxicological effects. Also, if known, list chemical amounts

| HAZARD | WARNING PROPERTIES | EXPOSURE LIMIT |
|---|---|---|
| 1,2-Dichloropropane | Odor Threshold (OT) = 0.25 ppm | 10 ppm |

## UNDERGROUND UTILITIES CHECKLIST

| Utility Location | Locator/Contact Person | Phone # | Date of |
|---|---|---|---|
| Power | | | |
| Telephone | | | |
| Gas | | | |
| Water | | | |
| Sewer | | | |

Call made by:

ID # NONCD 000 2817

Facility Description: Size unknown Buildings yes

Disposal Methods Being Investigated The site is a groundwater plume with no obvious source.

Unusual Features on Site (dike integrity, power lines, terrain, etc.):
None known.

History of the Site: The site is a groundwater plume with no obvious source.

C. HAZARD EVALUATION

The site can be toured and sampled in level D protection. PVC gloves will be worn while collecting water samples. Chemically resistant knee length boots will be worn on site if the potential for surface soil contamination exists.

D. WORK PLAN INSTRUCTION

Map or Sketch Attached? yes
Perimeter Identified? no
Command Post Identified? no
Zones of Contamination Identified? no
Personal Protective Equipment/Level of Protection: C X D

Modifications Wear goggles, face shield, and PVC gloves while preparing acid preserved samples, goggles and PVC gloves while collecting acid preserved samples. Avoid breathing acid vapors.

Surveillance Equipment:

| | |
|---|---|
| _____ HNU | _____ Detector Tubes and Pumps |
| _____ OVA | _____ 02 Meter |
| _____ Explosimeter | _____ Radiation Monitor |

Decontamination Procedures

_____Level C Respirator wash, respirator removal, suit wash (if needed), suit removal, boot wash, boot removal and glove removal.

___X___Level D Boot wash and rinse and boot removal, suit removal, glove and goggle removal.

Modifications Dispose of trash properly, on-site if possible.

Work Schedule/Visit Objectives The purpose of this visit is to determine if the site poses a threat to the public health or environment because of releases of contaminants to soil, surface water, groundwater, or air. Sampling may consist of groundwater sampling.

EMERGENCY PRECAUTIONS

| Route of Exposure | First Aid |
|---|---|
| Eyes | irrigate immediately |
| Skin | soap and water wash |
| Inhalation | fresh air and artificial respiration |
| Ingestion | get medical attention immediately |

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: 1,2-Dichloropropane

I. PHYSICAL/CHEMICAL PROPERTIES

| | Reference |
|---|---|
| Chemical Formula C3 H6 Cl2 | 1 |
| Natural Physical State at 25°C liquid | 2 |
| Vapor Pressure 40 mm Hg at 20°C | 3 |
| Melting Point -149 °F/°C Boiling Point 206 °F/°C | 3 |
| Flash Point (open or closed cup) 60 °C/°F | 3 |
| Solubility - $H_2O$ 0.3 % | 3 |
| Other miscible with organic solvents | 1 |

Physical Features: (odor, color, etc.) colorless, stable liquid with an odor like chloroform (2) IP = 10.87 eV

II. TOXICOLOGICAL DATA

Standards: 10 ppm (4) TLV 75ppm (5) PEL 2,000ppm (3) IDLH

Routes of Exposure: Inhalation, Eye/Skin contact, Ingestion

Acute/Chronic Symptoms: Eye and skin irritation, drowsiness, light-headedness carcinogenic in animals, liver and kidney disease (3)

First Aid: Inhalation: artificial respiration; Ingestion: get medical attention immediately; Eye contact: irrigate immediately; Skin contact: soap and water wash immediately

Chemical Name: 1,2-Dichloropropane

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — 3

Toxic by-products toxic and irritating gases may be generated — 6

B. Flammability LEL 3.4% UEL 14.5% — 3

C. Reactivity Hazard no reaction with common materials — 6

incompatible with strong oxidizers and acids — 3

D. Corrosivity Hazard yes/no pH: _____

Neutralizing agent: _____

E. Radioactive Hazard — Exposure Rate

| | | | |
|---|---|---|---|
| Background | yes/no | _____ | _____ |
| Alpha particles | yes/no | _____ | _____ |
| Beta particles | yes/no | _____ | _____ |
| Gamma radiation | yes/no | _____ | _____ |

IV. REFERENCES


1. The Merck Index, 11th Edition, Sax, 1989.
2. The Condensed Chemical Dictionary, Sax, 11th Edition, 1987.
3. Pocket Guide to Chemical Hazards, NIOSH, 1990.
4. Threshold Limit Values and Biological Exposure Indices for 2007, ACGIH.
5. 29 CFR 1910.1000.
6. Chemical Hazard Response Information System, US Department of Transportation, 1987.

mapquest

**Trip to:**
501 N Elam Ave
Greensboro, NC 27403-1118
**14.74 miles**
**22 minutes**

Notes

| | | Miles Per Section | Miles Driven |
|---|---|---|---|
| A | **7095 Agatha Dr**<br>Stokesdale, NC 27357-8548 | | |
| | 1. Start out going WEST on AGATHA DR toward ELLISON RD (Portions unpaved). | **Go 0.09 Mi** | 0.09 mi |
| | 2. Turn RIGHT onto ELLISON RD (Portions unpaved). | **Go 0.2 Mi** | 0.2 mi |
| 158 | 3. Turn RIGHT onto US-158. | **Go 1.1 Mi** | 1.4 mi |
| RAMP | 4. Take the US-220 ramp toward GREENSBORO / MADISON. | **Go 0.1 Mi** | 1.5 mi |
| | 5. Turn RIGHT onto US-220 N / US-220 N. Continue to follow US-220 N. | **Go 11.0 Mi** | 12.5 mi |
| | 6. Turn SLIGHT RIGHT onto BENJAMIN PKWY.<br>*BENJAMIN PKWY is just past MARTINSVILLE CT* | **Go 1.9 Mi** | 14.4 mi |
| | 7. Turn RIGHT onto N ELAM AVE.<br>*N ELAM AVE is 0.3 miles past GREEN VALLEY RD* | **Go 0.4 Mi** | 14.7 mi |
| | 8. 501 N ELAM AVE is on the RIGHT.<br>*Your destination is 0.1 miles past SALK PL*<br>*If you reach VILLA DR you've gone a little too far* | | 14.7 mi |
| B | **501 N Elam Ave**<br>Greensboro, NC 27403-1118 | **14.7 mi** | **14.7 mi** |

CORVEL

# WC Authorization | Physician's Report | Pharmacy Guide

MAILING ADDRESS: P.O. Box 77880, Charlotte, NC 28271
800-365-5998 www.corvel.com

***EMPLOYER:*** Please complete the top section and give to the injured employee to take with them to their authorized treating physician. If you already have transitional duty job descriptions available, please attach a copy for the treating physician's review.

| | |
|---|---|
| Name of Employee: **Last:** | **First:** |
| Date of Injury: | |
| Name of Employer: NCDENR- Division | |
| Employer Signature: | Treating Physician: |

***EMPLOYEE:*** Please take this form with you to an authorized treating physician. Please have the physician complete the middle section and return this immediately to your employer. The bottom section is for you to show the pharmacist should you need to have any prescriptions filled as prescribed by your authorized treating physician for this work related injury.

## *AUTHORIZED PHYSICIAN, PLEASE COMPLETE*

Diagnosis: _____

A post accident drug test (check one) ( ) **has** been completed ( ) **has not** been completed

In accordance with this patient's physical capability, check all that apply:

( ) May resume work immediately, no restriction.
( ) May resume work immediately with the following restrictions:
- ( ) Sedentary work (sitting, occasional walking, standing, lifting less than 10 pounds)
- ( ) Light work (lifting less than 20 pounds)
- ( ) Medium work (lifting less than 50 pounds)
- ( ) Heavy work (lifting less than 100 pounds)
- ( ) Normal shift
- ( ) Limited hours: ____ hrs, _____hrs, _____hrs per day
- ( ) Other: _____

( ) Repetitive Motion Restrictions (specific to hand/arm injuries):

| Frequency | Left | Right |
|---|---|---|
| No Use | | |
| Occasional <33% of time | | |
| Frequent 34-66% of time | | |
| Regular 67-100% of time | | |

( ) Patient may return to work at full duty on (date) _____
( ) Patient has a return appointment on (date) _____ at (time) _____

Please indicate any referrals that are required: _____

**Physician's Signature** **Date** **Physician's Name (type or print)**

**Physician Offices – Be sure to contact CorVel's Claim Department at 800-365-5998 for authorization for the referral.**

***PHARMACIST:*** Process all prescriptions on-line through ***CorVel's CorCareRx*** for this patient. Contact CorVel's CorCareRx Help Desk at (800) 563-8438 to establish eligibility prior to processing on-line from 8 AM thru 9 PM Eastern. After hours, please contact (800) 213-5640.

**DO NOT CHARGE THE PATIENT FOR THE PRESCRIPTION.**

| CHAIN NAME | CHAIN NAME | CHAIN NAME | CHAIN NAME |
|---|---|---|---|
| Bi-Lo Pharmacy | Horizon Pharmacy | Revco drugs | VIX Pharmacy |
| Bi-Mart | HyVee Drugtown | Rite-Aid drugs | Walgreen's |
| Brooks Drugs | J & J Pharmacy | RX Discount Pharmacy | Wal-Mart Pharmacy |
| Brookshire Brothers | Joel & Jerry's | Sack-n-Save | Wegman Pharmacy |
| Cub Pharmacy | Kash N Karry | Sav-A-Lot | Winn-Dixie |
| CVS Drugs | Kerr Drugs | Sams Club Pharmacy | |
| Drug Emporium | K-mart phcy | Save Mart | |
| Eckerds(all others) | Long's Phcy | Stop N Shop | |
| Franck's Pharmacy | Medicine Shoppe | Super D | |
| Fred Meyer | Medistat Phcy | Super Valu | |
| Fred's Pharmacy | Milner-Rushing Drugs | Super X (HSI) | |
| Giant Pharmacy | Pathmark Pharmacy | Tom Thumb Phcy | |
| Goodings | Perry Drg Str | Tops Pharmacy | |
| Hannaford Food & | Phar-Mor | Tri Daly Drugs | **Revision date: 8/25/2009** |

CORVEL

*** All participating pharmacies have not been included on this list. Please have your pharmacy call CCRx regarding any questions/ authorizations 800-563-8438.**

## WELL LOG SHEET

Site Name: Frances Brown ID Number: _____

Owner: Frances Brown Address: 3089 Hwy 150

Sample Team: _____ Well #: FB-1

Comments (well construction, etc): _____

| Time interval | 5 mins | 10 mins | 15 mins | ____ mins | ____ mins | ____ mins |
|---|---|---|---|---|---|---|
| Temp (°C) | 15.8 | 16.0 | 16.2 | | | |
| pH | 5.48 | 5.41 | 5.44 | | | |
| S. C. | 99.7 | 90.3 | 91.8 | | | |
| Turbidity | 0.3 | 0.2 | 0.2 | | | |

## Sample Information

Sample Date: 3-25-11 Sample Time: 11:30

Sample Equipment: _____

Water Condition (turbidity, odor, etc.): _____

Samples Collected (✓):

- ✓ VOCs (3 - 40 ml vials)
- ____ SVOCs/PCBs (1 - 2L Amber bottle)
- ____ Metals (1 - 1L HDPE bottle)
- ____ Dioxin (1 - 1L bottle)
- ____ Pest./Herb. (1 - 2L amber bottle)
- ✓ 1,4 Dioxane (3 - 40 ml vial)

Temp(°C): _____ pH: _____ SC(umhos): _____ DO(ppm): _____ Turb(NTUs): _____

Comments: Inline Filter System installed @ Well Hse. Plumbing replaced in Dec 2010. PVC piping and pvc fittings w/ Glue Joints. (Sch 20)

Filter: Omnifilter Whole House Filter Cartridge T01-DS Series C. Filter Life 15000 gal or 3mo.

Flowrate of filter 5 gpm. Owners son lives @ house but does not use water for cooking or drinking.

PVC Cement (glue): Oatey #30244 PVC Med. Clear Solvent Cement and purple primer

# *TRIP NOTIFICATION AND AUTHORIZATION FORM*

**Program:**

- ☐ CERCLA Site Assessment
- ☑ State
- ☐ NPL/DOD
- ☐ Brownfields
- ☐ MGP
- ☐ Dry Cleaners

| | |
|---|---|
| Site Name: | Agatha Drive |
| ID Number: | NONCD 000 2817 |
| Street Address: | 7095 Agatha Dr |
| City: | Stokesdale |
| County: | Guilford |

| Date(s) of Trip | Trip Canceled: | Trip Rescheduled (Date): |
|---|---|---|
| March 24, 2011 | | |

Reason For Trip: _____

*(if sampling, check appropriate boxes below)*

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Using Augers/Shovels to collect soil
- ☐ Using Little Beaver to collect soil
- ☑ Groundwater (from tap)
- ☐ Groundwater (bailers)
- ☐ Groundwater (pumps)
- ☐ Surface Water
- ☐ Sediment

| Project Team Leader | Assistant | Assistant | Assistant |
|---|---|---|---|
| Vince Antrilli | Larry Rose | | |
| | | | |

Authorized By: _____

*Industrial Hygienist Signature*

***Office Use Only***

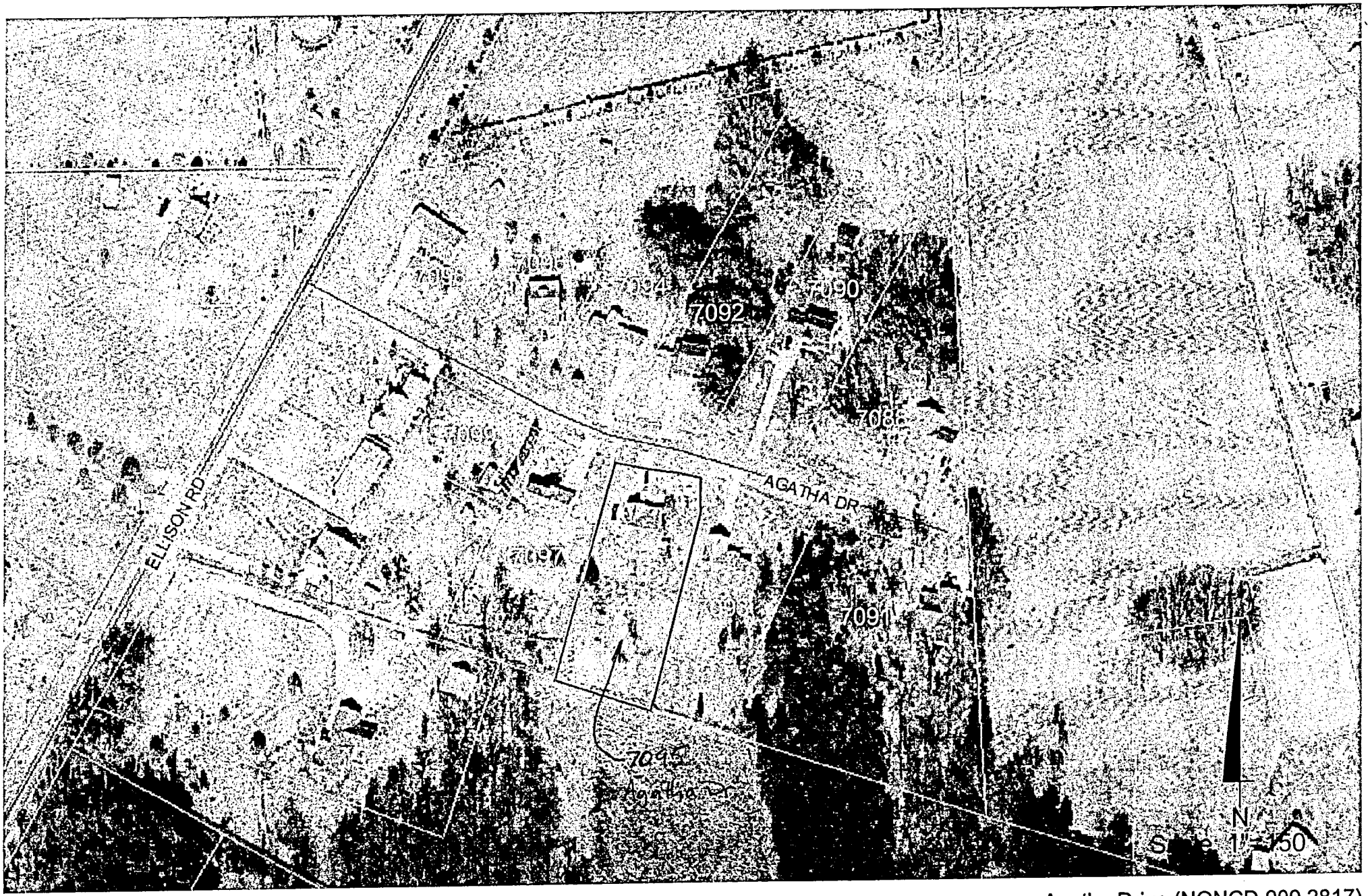
County Health Department Official Contact: _____

Title: _____

Phone Number: (___)____ - ____

Health Department Official Contacted: _____ Back Up Letter Required?: Yes __ No __

Notes: _____




Agatha Drive (NONCD 000 2817)
Guilford County

Properties To Be Sampled

3/3/2011

# Agatha Dr - NONCD0002817

| Well Address | Sample Date | Sample By | Well ID# | PCE 2L= 0.7 MCL= 5 RAL= 12 | TCE 2L= 3 MCL= 5 RAL= 300 | 1,4-Dioxane 2L= 3 MCL= RAL= 611 | Chloroform 2L= 70 MCL= 80 RAL= 100 | 1,1-DCA 2L= 6 MCL= RAL= 242 | 1,2-DCA 2L= 0.4 MCL= RAL= | 1,1-DCE 2L= 7 MCL= 7 RAL= 7 | cis-1,1-DCE 2L= 6 MCL= RAL= 242 | Chloromethane 2L= 3 MCL= RAL= 563 | 1,2-Dichloropropane 2L= 0.6 MCL= 5 RAL= | HRE Sent | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7095 Agatha Dr | | Guilford Co | | | | | | | | | | | 11.9 | Y | Unknown if filter is in use |
| 7091 Agatha Dr PRE-FILTER | 10/27/2010 | Guilford Co | | | | | | | | | | | [illegible] | Y | Filter in use. Post filter sample not performed in Oct 2010. All previous post filter samples were clean. The last one was in 2009. |
| 7091 Agatha Dr POST-FILTER | 10/27/2010 | Guilford Co | | | | | | | | | | | | | |
| 7088 Agatha Dr | 10/27/2010 | Guilford Co | No Detection | | | | | | | | | | | Y | |
| 7093 Agatha Dr | 10/27/2010 | Guilford Co | | | | | | | | | | | | Y | Trace detection of 1,2-Dichloropropane |

Notes:
All units in ug/l (ppb)
Above MDL Limt = BOLD
Above 2L Limit = BOLD
Above MCL Limit = BOLD
Above RAL = BOLD
Chloroform Below 2L = BOLD
HRE Sent =
*=Sample collected after filter system
(T) or (t) = Total

1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
Chloromethane (AKA - Methyl Chloride)

# Agatha Dr, Guilford County Addresses (NONCD0002817)

| Well Address | Parcel ID# | Owner / Mailing Address | Phone # / email | Sampling Permission |
|---|---|---|---|---|
| 7095 Agatha Dr | 13-10-0658-0-0980-00-058 | Abigal Pridgen<br>2801 Regents Park Lane<br>Greensboro, NC 27455 | 336-288-0069 | Called. Left message 3-18-11 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Print Form

# MAIL AND COPY DISTRIBUTION INSTRUCTION SHEET

Person Completing Form: Vince Antrilli

Date: Mar 3, 2011

**Project/Item:** (example: Dupont letter of 1/1/05)

Resample notification letter - Agatha Drive NONCD0002817

**Method of Mailing Original:**

- ☐ Interoffice, Courier or Internal Distribution, as appropriate
- ☒ Regular US Mail
- ☐ Overnight Delivery (Service Used *(circle one)*: Fed Ex; UPS; USPS; Other _____)
- ☐ 2nd Day (Service Used *(circle one)*: Fed Ex; UPS: USPS; Other _____)
- ☐ Certified Mail
- ☐ Other _____

**Distribution of Copies:**

- ☐ Mail/distribute copy of letter to all cc's; there are not attachments
- ☐ Mail/distribute copy of letter to all cc's; with attachments
- ☐ Mail /distribute copy of letter; include attachments as indicated after recipient's name
- ☐ No copies to mail or distribute

**CC Addresses:**

Date Completed: _____

Completed by: SLBB____ SH ____ DG ____

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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

March 3, 2011

Abigal Pridgen
2801 Regents Park Lane
Greensboro, NC 27455

Re: Water Well Sampling
7095 Agatha Dr
Stokesdale, NC 27357

Dear Ms. Pridgen:

My name is Vincent Antrilli with the North Carolina Department of Environmental and Natural Resources, Division of Waste Management. Our records indicate that the results of the well sampling that took place in October 2010 show the detection of 1,2 Dichloropropane. At the time of the sample collection it was not noted whether or not you have a filter on your water supply. I will be in the Guilford County on Thursday March 24th and would like to resample your well to verify the results. If you have a filter system in place, we will collect samples from both sides of the filter to determine the effectiveness of the filter system and verify the current level of contamination in your well. There is no cost to you however you may need to be available so that we may collect a sample from a water faucet after the filter system.

Please contact me by one of the following ways to confirm receipt of this letter and to let me know whether or not you have a filter system in place. You can reach me by calling (919) 508-8573, emailing me at Vincent.Antrilli@ncdenr.gov, or respond to this letter by mail. I will be happy to answer any questions you may have at that time.

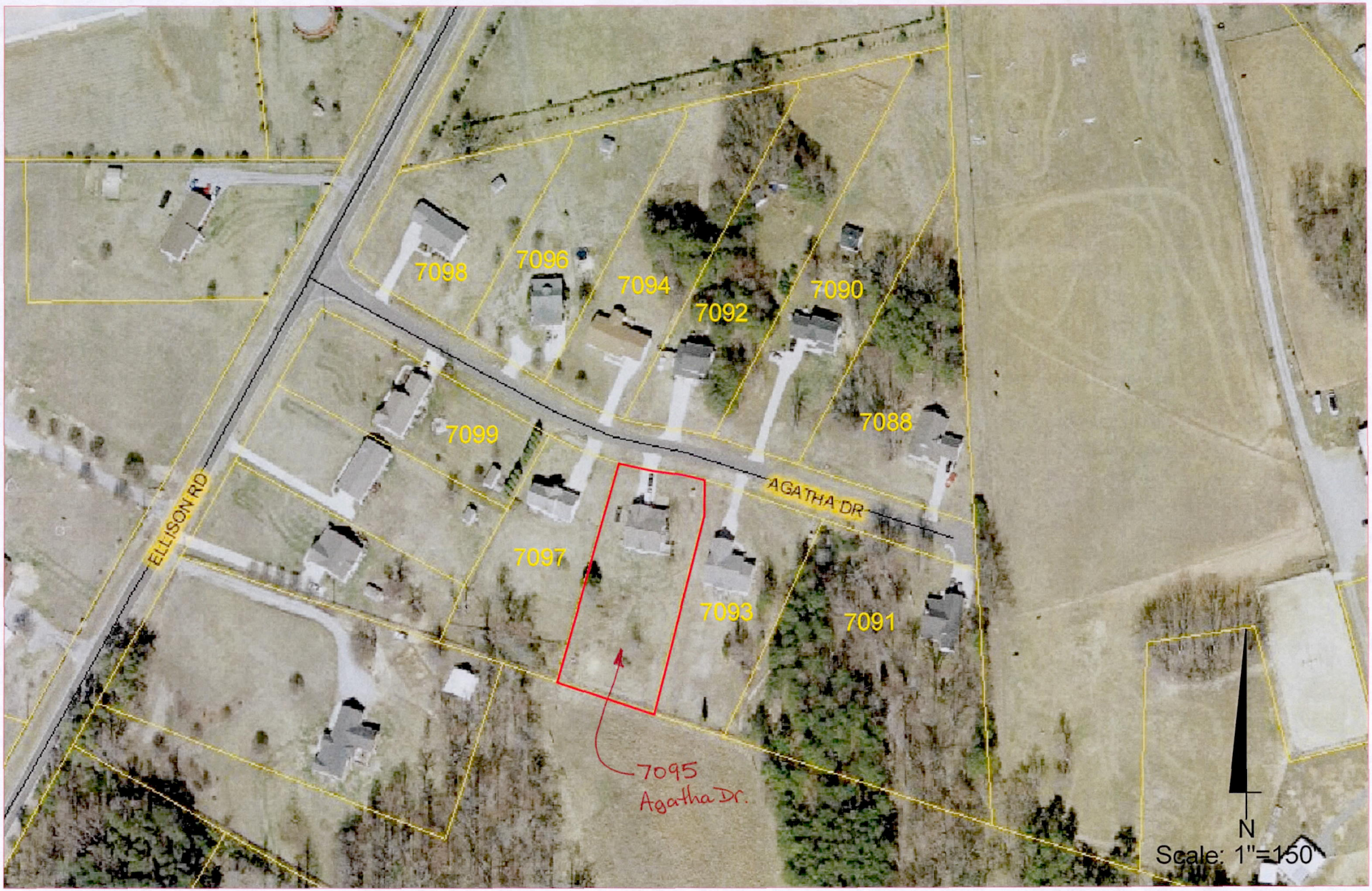
Sincerely,

Vincent Antrilli, Jr.
Environmental Specialtist
Inactive Hazardous Sites Branch
Superfund Section

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-508-8400 \ FAX: 919-715-4061 \ Internet: www.wastenotnc.org

An Equal Opportunity \ Affirmative Action Employer

One NorthCarolina Naturally




Agatha Drive (NONCD 000 2817)
Guilford County

Properties To Be Sampled

3/3/2011

# Agatha Dr - NONCD0002817

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7095 Agatha Dr | | Guilford Co | | | | | | | | | | | **11.9** | Y | Unknown if filter is in use |
| 7091 Agatha Dr PRE-FILTER | **10/27/2010** | Guilford Co | | | | | | | | | | | **2.1** | Y | Filter in use. |
| 7091 Agatha Dr POST-FILTER | 10/27/2010 | Guilford Co | No Detection ? | | | | | | | | | | 0 | Y | |
| 7088 Agatha Dr | 10/27/2010 | Guilford Co | No Detection | | | | | | | | | | | Y | |
| 7093 Agatha Dr | 10/27/2010 | Guilford Co | | | | | | | | | | | | Y | Trace detection of 1,2-Dichloropropane |

Notes:
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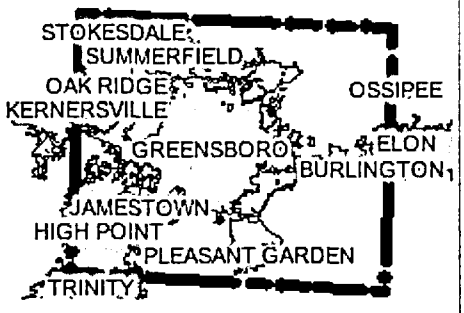
cis-1,2-DCE = cis-1,2-Dichloroethene
Chloromethane (AKA - Methyl Chloride)

# Guilford County Property Record Card

| | | | |
|---|---|---|---|
| ***Parcel ID:*** | 13-10-0658-0-0980-00-058 | ***Data Upload Date:*** | NA |
| ***Property Address:*** | 7095 AGATHA DR | ***Inquiry Date:*** | NA |




*Disclaimer*: While every effort is made to keep information provided over the internet accurate and up-to-date, Guilford County does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.

## Owner

| | |
|---|---|
| ***Name:*** | PRIDGEN, ABIGA L |
| ***Address:*** | 2801 REGENTS PARK LANE |
| ***City State Zip:*** | GREENSBORO, NC 27455 |

## Property Information

| | | | |
|---|---|---|---|
| ***Description:*** | Lot # .69AC 10 PB125-139 ELLISON ESTS N/A Legal_2 | ***Parcel Size:*** | 0.6900 RESIDENTIAL |
| ***Address:*** | 7095 AGATHA DR | ***Area as Mapped:*** | 0.69 |
| ***Use:*** | SFR-RESIDENTIAL | ***Tax District:*** | 200 |
| ***Zoning:*** | Contact the appropriate Jurisdiction for zoning | | |

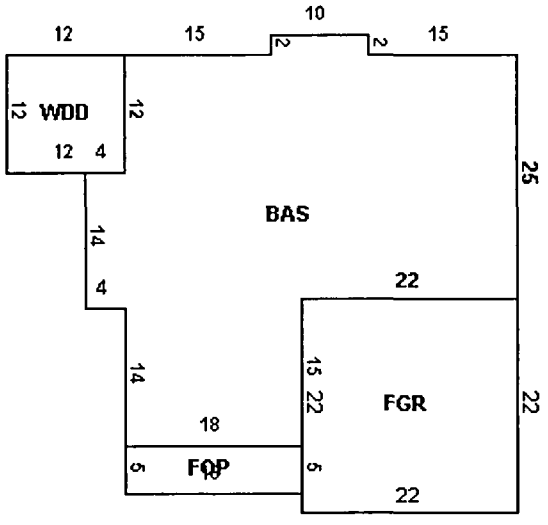
## Sales History

| *Book-Page* | *Sale Date* | *Price* | *Type* | *Qualification* | *Improved* |
|---|---|---|---|---|---|
| 4678-2056 | 4/15/1998 | $121,500 | Conventional | Qualified | Yes |
| 4591-1335 | 9/15/1997 | $20,000 | Cash | Qualified | No |

## Total Appraisal Values

| *Assessed* | *Building* | *Out Building* | *Land* | *Deferred* |
|---|---|---|---|---|
| $133,000 | $113,000 | $0 | $20,000 | $0 |

## Appraisal Building Information




## Building Area Totals

| *Code* | *Description* | *Square Feet* |
|---|---|---|
| BAS | Base - Main Floor | 1,346 |
| WDD | Deck | 144 |
| FOP | Finished Open Porch | 90 |
| FGR | Finished Garage | 484 |

## Improvements

| | | | |
|---|---|---|---|
| ***Use:*** | Single Family Residence | ***Heating Fuel:*** | Electric |
| ***Foundation:*** | Continuous Ft | ***Heating Type:*** | Heat Pump |
| ***Floor System:*** | Plywood | ***Air Conditioner Type:*** | Central |
| ***Exterior Wall:*** | Aluminum or Vinyl Siding | ***Heated Sq Ft:*** | 1,346 |
| ***Roof Structure:*** | Gable | ***Market Factor:*** | 3 |
| ***Roof Cover:*** | Asphalt or Comp. Shingle | ***Quality Factor:*** | Average |
| ***Interior Wall:*** | Custom | ***Year Built:*** | 1997 |
| ***Interior Floor Cover:*** | Sheet Vinyl, Carpet | ***Effective Year Built:*** | 1997 |

## Residential Improvements

| *Bedrooms* | *Baths* | *Half Baths* | *Style* | *Fire Place* |
|---|---|---|---|---|
| 3 | 2 | 0 | 1 Story | Prefabricated |

Guilford County
Department of Public Health
400 W. Market Street
Greensboro, NC 27401

November 22, 2010

Resident
7088 Agatha Drive
Stokesdale, NC 27357

Re: Water Supply Sample Analytical Results
7088 Agatha Drive

Dear Resident:

A drinking water sample was collected from the well located at 7088 Agatha Drive, Stokesdale, Guilford County on October 27, 2010, as part of the investigation of groundwater contamination in the vicinity. The water sample was analyzed for specific target analytes (contaminants), which are listed on the attached Sample Analytical Results. No contaminants were detected in the water. If you have any questions, please contact me at (336) 641-4746 or Guilford County Environmental Health, 400 W. Market Street, Greensboro, 27401.

Sincerely,

John Nantz
Sr. EHS
Guilford County Environmental Health

Attachment: 7088 Agatha Drive Sample Analytical Results

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

Name of Owner, Patient Or Supply: _____

Telephone # (____) _____

Address: 7088 AGATHA DR. STOKESDALE Zip: _____

County: GUILFORD

FRONT OUTSIDE TAP

---

Report to: JOHN NANTZ

Telephone # 336 641-4746

Address: GUILFORD COUNTY HD 400 W. MARKET ST. SUITE 300 GREENSBORO NC 27401

Collected By: JOHN NANTZ

Telephone # 336 641-4746

Date Collected: 10-27-10

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 101183 | | 7088 AGATHA DRIVE | |
| | | 2-40 ml vials 10.5 | |
| | | | |
| | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 101184 | | TRIP BLANK (DATE: 1-12-10) SEE ATTACHED SHEET(S) | |
| | | | |

ES102810-0099001
101183
10/27/2010
VOA 524.2 (47)

ES102810-0099002
101184
01/12/2010
VOA 524.2 (47)

Date Received: OCT 28 2010 KMM

Date Reported: NOV 03 2010

Date Extracted: _____

Date Analyzed: 10-28-10

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

P.O. Box 28047
306 N. Wilmington St.
Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0099**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7088 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0099001** Collected: 10/27/2010 JOHN NANTZ
Received: 10/28/2010 09:35 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101183**
Sample Source: Temp. at Receipt: 10.5 DEG C GPS #:

Sample Description:
Comment: ANALYTICAL METHOD REQUIRES SAMPLE TEMP <6 DEG C pH<2 in a properly preserved sample. pH of this sample is 5. Data not to be used for compliance purposes.

**Organic Chem - VOCs** **Method:** EPA 524.2

**VOA 524.2 (47)**

| Analyte | Result | RL | Units | Qualifier(s) |
|---|---|---|---|---|
| Chloromethane | Not Detected | 0.5 | ug/L | Temp |
| Vinyl chloride | Not Detected | 0.5 | ug/L | Temp |
| Bromomethane | Not Detected | 0.5 | ug/L | Temp |
| Chloroethane | Not Detected | 0.5 | ug/L | Temp |
| Trichlorofluoromethane | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| Acetone | Not Detected | 2.0 | ug/L | Temp |
| Iodomethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Disulfide | Not Detected | 0.5 | ug/L | Temp |
| Methylene chloride | Not Detected | 0.5 | ug/L | Temp |
| Acrylonitrile | Not Detected | 0.5 | ug/L | Temp |
| trans-1,2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| MTBE | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Isopropyl Ether | Not Detected | 0.5 | ug/L | Temp |
| cis-1.2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| 2-Butanone (MEK) | Not Detected | 2.0 | ug/L | Temp |
| Tetrahydrofuran | Not Detected | 2.0 | ug/L | Temp |
| Chloroform (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,1,1-Trichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Tetrachloride | Not Detected | 0.5 | ug/L | Temp |

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Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0099**

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

**Report Date:** 11/3/2010

**Reported By:** *Nancy Jones*

11/9

# North Carolina State Laboratory of Public Health

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Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0099**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7088 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0099002** Collected: 01/12/2010 KMN
Received: 10/28/2010 09:35 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101184**
Sample Source: Temp. at Receipt: 10.5 DEG C GPS #:

Sample Description: TRIP BLANK
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 | |

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Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0099**

| | | | | |
|---|---|---|---|---|
| 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 | |
| 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 | 0.6 | 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:** 11/3/2010

**Reported By:** *Nancy Jones*

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
Certificate of Analysis

P.O. Box 28047
306 N. Wilmington St.
Raleigh, NC 27611-8047
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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES102810-0099**

## Environmental Qualifier Descriptions

| Code | Description |
|---|---|
| * | Result exceeds MCL |
| >ht | Entered past holding exp |
| A | User choice 1 |
| Ach | Above ULC |
| Amt | Non-default amount used |
| B | Blank over RL |
| C | Possible Lab Contamination |
| Cg | Confluent Growth |
| D | User choice 3 |
| Eh | Exceeded Holding Time |
| Haz | Hazard Level Exceeded |
| Hirec | High recovery |
| J | Estimated Value |
| Lorec | Low recovery |
| M | Matrix Interference |
| Ofe | Over 48 hours |
| Sp | Sample processing problem |
| Susp | Suspect result |
| T | Trihalomethane |
| Tc | Turbid Culture |
| Temp | Temperature Range Exceeded |
| Ti | Tentative Identification |
| Tntc | Too numerous to count |
| U | Beneath MDL |
| V | User choice 4 |

Guilford County
Department of Public Health
400 W. Market Street
Greensboro, NC 27401

November 18, 2010

Ms. Abigail Pridgen
2801 Regents Park Lane
Greensboro, NC 27455

RE: Water Supply Well Sampling Results – Agatha Drive (NONCD 0002817)
7095 Agatha Drive
Stokesdale, NC 27357

Dear Ms. Pridgen:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the referenced address on October 27, 2010. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). VOCs were detected in the water sample as shown on the attached sheets.

Because VOCs were detected in the water sample, a Health Risk Evaluation (HRE) of the water supply was performed by our toxicologist. The HRE, which is enclosed, compares the concentration of detected contaminants to acceptable concentrations and provides a recommendation for acceptable uses of the water.

In accordance with the residential property disclosure act, it is your responsibility to disclose this contamination as part of the property sale. You should also notify all current and future tenants of your property of the contamination detected in your well.

If you have any questions regarding the Health Risk Evaluation, please contact Hanna Assefa at (919) 508-8445 or me at (336) 641-4746.

Sincerely,

John Nantz
Division of Environmental Health

Enclosure

November 17, 2010

**MEMORANDUM**

**TO:** John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health
Superfund Section

**FROM:** Hanna Assefa, Industrial Hygienist
Inactive Hazardous Sites Branch
Superfund Section

**RE:** Health Risk Evaluation
7095 Agatha Dr.
Stokesdale, Guilford County

Water samples were collected from the water supply well at the subject address on October 27, 2010. The concentration of 1,2-dichloropropane in the water sample does not exceed it's applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

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

| Sample # | Chemical | 10/27/2010 Concentrations ug/l | USEPA MCL ug/l |
|---|---|---|---|
| ES102810-0128001 | 1,2-Dichloropropane | 11.9 | 5 |

ug/l = micrograms per liter

# Guilford County, NC

| | | | |
|---|---|---|---|
| *Old Parcel Number* | 131006580098000058 | *Condo Book* | |
| *Parcel Number* | 0150736 | *Condo Page* | |
| *PIN* | 7920257970 | *Total Assessed Value* | $133,000 |
| *Owner Name* | PRIDGEN, ABIGA L | *Total Building Value* | $113,000 |
| *Mailing Address 1* | 2801 REGENTS PARK LANE | *Total Out Building Value* | $0 |
| *Mailing Address City* | GREENSBORO | *Total Land Value* | $20,000 |
| *Mailing Address State* | NC | *Total Deferred Value* | $0 |
| *Mailing Address Zip* | 27455 | *Building Count* | 1 |
| *Property Address* | 7095 AGATHA DR | *Building Number* | 1 |
| *Legal Desc 1* | Lot # .69AC 10 PB125-139 ELLISON ESTS | *Year Built* | 1997 |
| *Land Units* | 0.6900 | *Heated Area* | 1346 |
| *Deed Book* | 006119 | *Bedrooms* | 3 |
| *Deed Page* | 00075 | *Bathrooms* | FULL:2 HALF: 0 |
| *Plat Book* | 125 | *Use Code* | RESIDENTIAL |
| *Plat Page* | 139 ELLISON ESTS | *Appraisal Model Code* | SFR |

*Disclaimer:* While every effort is made to keep information provided over the internet accurate and up-to-date, Guilford County does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.

Map Scale
**1 inch = 88 feet**

November 22, 2010

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, Inactive Hazardous Sites Branch

FROM: John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health

RE: Health Risk Evaluation Request
7095 Agatha Drive, Stokesdale
Guilford County

This sample was collected from a private water supply well located at 7095 Agatha Drive, Stokesdale, North Carolina. I collected this sample (identified as Laboratory Number 101190) on October 27, 2010, to monitor the contamination that originates from an unknown release. Because this sample was collected from a water supply well, Guilford County Environmental Health requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations and the portion of the laboratory analytical report associated with this sample is attached.

| Compound | Units | Concentration |
|---|---|---|
| *Organics* | | |
| 1,2-Dichloropropane | µg/L | 11.9 |
| | µg/L | |
| | µg/L | |
| | µg/L | |

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

Name of Owner, Patient Or Supply: _____

Telephone # (____) _____

Address: 7095 AGATHA DR.
STOKESDALE Zip: _____

County: GUILFORD

RIGHT SIDE OUTSIDE TAP

---

Report to: JOHN NANTZ

Telephone # (336) 641-4746

Address: GUILFORD COUNTY H. D.
400 W. MARKET ST., SUITE 300
GREENSBORO NC 27401

Collected By: JOHN NANTZ

Telephone # (336) 641-4746

Date Collected: 10-27-10

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 101190 | #1 | 7095 AGATHA DR. 10.0°C | |
| | | 2-40 ml vials | |
| | | SEE ATTACHED SHEET(S) | |
| 101191 | | TRIP BLANK (DATE: 12-14-09) SEE ATTACHED SHEET(S) | |

ES102810-0128001
101190
10/27/2010
VOA 524.2 (47)

ES102810-0128002
101191
12/14/2009
VOA 524.2 (47)

Date Received: OCT 28 2010 KMN

Date Extracted: _____

Date Reported: NOV 03 2010

Date Analyzed: 10-28-10

Reported By: Nancy I. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

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*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

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Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0128**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7095 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0128001** Collected: 10/27/2010 JOHN NANTZ
Received: 10/28/2010 10:36 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101190**
Sample Source: Temp. at Receipt: 10.0 DEG C GPS #:

Sample Description:
Comment: ANALYTICAL METHOD REQUIRES AMPLE TEMP <6 DEG C. DATA NOT TO BE USED FOR COMPLIANCE PURPOSES.

**Organic Chem - VOCs** **Method:** EPA 524.2

**VOA 524.2 (47)**

| Analyte | Result | RL | Units | Qualifier(s) |
|---|---|---|---|---|
| Chloromethane | Not Detected | 0.5 | ug/L | Temp |
| Vinyl chloride | Not Detected | 0.5 | ug/L | Temp |
| Bromomethane | Not Detected | 0.5 | ug/L | Temp |
| Chloroethane | Not Detected | 0.5 | ug/L | Temp |
| Trichlorofluoromethane | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| Acetone | Not Detected | 2.0 | ug/L | Temp |
| Iodomethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Disulfide | Not Detected | 0.5 | ug/L | Temp |
| Methylene chloride | Not Detected | 0.5 | ug/L | Temp |
| Acrylonitrile | Not Detected | 0.5 | ug/L | Temp |
| trans-1,2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| MTBE | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Isopropyl Ether | Not Detected | 0.5 | ug/L | Temp |
| cis-1.2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| 2-Butanone (MEK) | Not Detected | 2.0 | ug/L | Temp |
| Tetrahydrofuran | Not Detected | 2.0 | ug/L | Temp |
| Chloroform (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,1,1-Trichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Tetrachloride | Not Detected | 0.5 | ug/L | Temp |

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

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Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0128**

| | | | | |
|---|---|---|---|---|
| Benzene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Trichloroethene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dichloropropane | 11.9 | 0.5 | ug/L | Temp |
| Dibromomethane | Not Detected | 0.5 | ug/L | Temp |
| Bromodichloromethane (T) | Not Detected | 0.5 | ug/L | Temp |
| cis-1,3-Dichloropropene | Not Detected | 0.5 | ug/L | Temp |
| 4-Methyl-2-pentanone | Not Detected | 0.5 | ug/L | Temp |
| Toluene | Not Detected | 0.5 | ug/L | Temp |
| trans-1,3-Dichloropropene | Not Detected | 0.5 | ug/L | Temp |
| 1,1,2-Trichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Tetrachloroethene | Not Detected | 0.5 | ug/L | Temp |
| 2-Hexanone | Not Detected | 0.5 | ug/L | Temp |
| Dibromochloromethane (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dibromoethane(EDB) | Not Detected | 0.5 | ug/L | Temp |
| Chlorobenzene | Not Detected | 0.5 | ug/L | Temp |
| 1,1,1,2-Tetrachloroethane | Not Detected | 0.5 | ug/L | Temp |
| Ethylbenzene | Not Detected | 0.5 | ug/L | Temp |
| Total Xylenes | Not Detected | 0.5 | ug/L | Temp |
| Styrene | Not Detected | 0.5 | ug/L | Temp |
| Bromoform (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,1,2,2-Tetrachloroethane | Not Detected | 0.5 | ug/L | Temp |
| 1,4-Dichlorobenzene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dichlorobenzene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dibromo-3-chloropropane (DBCP) | Not Detected | 2.0 | ug/L | Temp |
| 1,2,3-Trichloropropane | Not Detected | 0.5 | ug/L | Temp |

**Report Date:** 11/3/2010 **Reported By:** ***Nancy Jones***

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

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P.O. Box 28047
306 N. Wilmington St.
Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0128**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7095 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0128002** Collected: 12/14/2009 KMN
Received: 10/28/2010 10:36 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101191**
Sample Source: Temp. at Receipt: 10.0 DEG C GPS #:

Sample Description: TRIP BLANK
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 | TRACE | 0.5 | ug/L | C |
| 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 | |

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
Certificate of Analysis

P.O. Box 28047
306 N. Wilmington St.
Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES102810-0128**

| | | | | |
|---|---|---|---|---|
| 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 | |
| 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 | 0.7 | 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:** 11/3/2010 **Reported By:** *Nancy Jones*

NJ8

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
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Fax: 919-733-8695

Sample Group: **ES102810-0128**

## Environmental Qualifier Descriptions

| Code | Description |
|---|---|
| * | Result exceeds MCL |
| >ht | Entered past holding exp |
| A | User choice 1 |
| Ach | Above ULC |
| Amt | Non-default amount used |
| B | Blank over RL |
| C | Possible Lab Contamination |
| Cg | Confluent Growth |
| D | User choice 3 |
| Eh | Exceeded Holding Time |
| Haz | Hazard Level Exceeded |
| Hirec | High recovery |
| J | Estimated Value |
| Lorec | Low recovery |
| M | Matrix Interference |
| Ofe | Over 48 hours |
| Sp | Sample processing problem |
| Susp | Suspect result |
| T | Trihalomethane |
| Tc | Turbid Culture |
| Temp | Temperature Range Exceeded |
| Ti | Tentative Identification |
| Tntc | Too numerous to count |
| U | Beneath MDL |
| V | User choice 4 |

Guilford County
Department of Public Health
400 W. Market Street
Greensboro, NC 27401

November 18, 2010

Mr. Daniel M. Cimino
7093 Agatha Drive
Stokesdale, NC 27357

RE: Water Supply Well Sampling Results – Agatha Drive (NONCD 0002817)
7093 Agatha Drive
Stokesdale, NC 27357

Dear Mr. Cimino:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the referenced address on October 27, 2010. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). VOCs were detected in the water sample as shown on the attached sheets.

Because VOCs were detected in the water sample, a Health Risk Evaluation (HRE) of the water supply was performed by our toxicologist. The HRE, which is enclosed, compares the concentration of detected contaminants to acceptable concentrations and provides a recommendation for acceptable uses of the water.

In accordance with the residential property disclosure act, it is your responsibility to disclose this contamination as part of the property sale. You should also notify all current and future tenants of your property of the contamination detected in your well.

If you have any questions regarding the Health Risk Evaluation, please contact Hanna Assefa at (919) 508-8445 or me at (336) 641-4746.

Sincerely,

John Nantz
Division of Environmental Health

Enclosure

November 17, 2010

**MEMORANDUM**

**TO:** John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health
Superfund Section

**FROM:** Hanna Assefa, Industrial Hygienist
Inactive Hazardous Sites Branch
Superfund Section

**RE:** Health Risk Evaluation
7093 Agatha Dr.
Stokesdale, Guilford County

Water samples were collected from the water supply well at the subject address on October 27, 2010. The concentration of 1,2-dichloropropane in the water sample does not exceed it's applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

| Sample # | Chemical | 10/27/2010 Concentrations ug/l | USEPA MCL ug/l |
|---|---|---|---|
| ES102810-0127001 | 1,2-Dichloropropane | trace | 5 |

ug/l = microgram per liter

# Guilford County, NC

| | | | |
|---|---|---|---|
| *Old Parcel Number* | 131006580098000057 | *Condo Book* | |
| *Parcel Number* | 0150735 | *Condo Page* | |
| *PIN* | 7920259808 | *Total Assessed Value* | $145,700 |
| *Owner Name* | CIMINO, DANIEL M | *Total Building Value* | $125,700 |
| *Mailing Address 1* | 7093 AGATHA DR | *Total Out Building Value* | $0 |
| *Mailing Address City* | STOKESDALE | *Total Land Value* | $20,000 |
| *Mailing Address State* | NC | *Total Deferred Value* | $0 |
| *Mailing Address Zip* | 27357 | *Building Count* | 1 |
| *Property Address* | 7093 AGATHA DR | *Building Number* | 1 |
| *Legal Desc 1* | Lot # .69AC 9 PB125-139 ELLISON ESTS | *Year Built* | 2000 |
| *Land Units* | 0.6900 | *Heated Area* | 1524 |
| *Deed Book* | 005127 | *Bedrooms* | 3 |
| *Deed Page* | 00174 | *Bathrooms* | FULL:2 HALF: 0 |
| *Plat Book* | 125 | *Use Code* | RESIDENTIAL |
| *Plat Page* | 139 ELLISON ESTS | *Appraisal Model Code* | SFR |

*Disclaimer:* While every effort is made to keep information provided over the internet accurate and up-to-date, Guilford County does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.

Map Scale
**1 inch = 88 feet**

November 22, 2010

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, Inactive Hazardous Sites Branch

FROM: John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health

RE: Health Risk Evaluation Request
7093 Agatha Drive, Stokesdale
Guilford County

This sample was collected from a private water supply well located at 7093 Agatha Drive, Stokesdale, North Carolina. I collected this sample (identified as Laboratory Number 101188) on October 27, 2010, to monitor the contamination that originates from an unknown release. Because this sample was collected from a water supply well, Guilford County Environmental Health requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations and the portion of the laboratory analytical report associated with this sample is attached.

| Compound | Units | Concentration |
|---|---|---|
| *Organics* | | |
| 1,2-Dichloroethane | µg/L | Trace |
| | µg/L | |
| | µg/L | |
| | µg/L | |

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

**Name of Owner, Patient Or Supply:** _____ **Telephone # (____)** _____

**Address:** 7093 AGATHA DR. STOKESDALE **Zip:** _____ **County:** GUILFORD

R. REAR OUTSIDE TAP

**Report to:** JOHN NANTZ **Collected By:** JOHN NANTZ

**Telephone #** 336 641-4746 **Telephone #** 336 641-4746

**Address:** GUILFORD COUNTY HD, 400 W. MARKET ST., SUITE 300, GREENSBORO NC 27401 **Date Collected:** 10-27-10

**Analysis Desired:** VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 101188 | #2 | 7093 AGATHA DRIVE 13.5 | |
| | | 2-40ml vials | |
| | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | TRIP BLANK (DATE: 12-14-09) SEE ATTACHED SHEET(S) | |
| | | | |

ES102810-0127001
101188
10/27/2010
VOA 524.2 (47)

ES102810-0127002
101189
12/14/2009
VOA 524.2 (47)

**Date Received:** OCT 28 2010 **Date Reported:** NOV 03 2010

**Date Extracted:** _____ **Date Analyzed:** 10-28-10

**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

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306 N. Wilmington St.
Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0127**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7093 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0127001** Collected: 10/27/2010 JOHN NANTZ
Received: 10/28/2010 10:03 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101188**
Sample Source: Temp. at Receipt: 13.5 DEG C GPS #:

Sample Description:
Comment: ANALYTICAL METHOD REQUIRES SAMPLE TEMP <6 DEG C. DATA NOT TO BE USED FOR COMPLIANCE PURPOSES.

**Organic Chem - VOCs** **Method:** EPA 524.2

**VOA 524.2 (47)**

| Analyte | Result | RL | Units | Qualifier(s) |
|---|---|---|---|---|
| Chloromethane | Not Detected | 0.5 | ug/L | Temp |
| Vinyl chloride | Not Detected | 0.5 | ug/L | Temp |
| Bromomethane | Not Detected | 0.5 | ug/L | Temp |
| Chloroethane | Not Detected | 0.5 | ug/L | Temp |
| Trichlorofluoromethane | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| Acetone | Not Detected | 2.0 | ug/L | Temp |
| Iodomethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Disulfide | Not Detected | 0.5 | ug/L | Temp |
| Methylene chloride | Not Detected | 0.5 | ug/L | Temp |
| Acrylonitrile | Not Detected | 0.5 | ug/L | Temp |
| trans-1,2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| MTBE | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Isopropyl Ether | Not Detected | 0.5 | ug/L | Temp |
| cis-1.2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| 2-Butanone (MEK) | Not Detected | 2.0 | ug/L | Temp |
| Tetrahydrofuran | Not Detected | 2.0 | ug/L | Temp |
| Chloroform (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,1,1-Trichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Tetrachloride | Not Detected | 0.5 | ug/L | Temp |

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Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0127**

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

**Report Date:** 11/3/2010 **Reported By:** *Nancy Jones*

# North Carolina State Laboratory of Public Health

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Organic Chemistry

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Fax: 919-733-8695


Sample Group: **ES102810-0127**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7093 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0127002** Collected: 12/14/2009 JOHN NANTZ
Received: 10/28/2010 10:03 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101189**
Sample Source: Temp. at Receipt: 13.5 DEG C GPS #:

Sample Description:
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 | TRACE | 0.5 | ug/L | C |
| 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 | |

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Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0127**

| | | | | |
|---|---|---|---|---|
| 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 | |
| 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 | 0.9 | 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:** 11/3/2010 **Reported By:** *Nancy Jones*

NJ

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
Certificate of Analysis

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Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES102810-0127**

## Environmental Qualifier Descriptions

| Code | Description |
|---|---|
| * | Result exceeds MCL |
| >ht | Entered past holding exp |
| A | User choice 1 |
| Ach | Above ULC |
| Amt | Non-default amount used |
| B | Blank over RL |
| C | Possible Lab Contamination |
| Cg | Confluent Growth |
| D | User choice 3 |
| Eh | Exceeded Holding Time |
| Haz | Hazard Level Exceeded |
| Hirec | High recovery |
| J | Estimated Value |
| Lorec | Low recovery |
| M | Matrix Interference |
| Ofe | Over 48 hours |
| Sp | Sample processing problem |
| Susp | Suspect result |
| T | Trihalomethane |
| Tc | Turbid Culture |
| Temp | Temperature Range Exceeded |
| Ti | Tentative Identification |
| Tntc | Too numerous to count |
| U | Beneath MDL |
| V | User choice 4 |

Guilford County
Department of Public Health
400 W. Market Street
Greensboro, NC 27401

November 18, 2010

Mr. Jimmy D. Autrand
7091 Agatha Drive
Stokesdale, NC 27357

RE: Water Supply Well Sampling Results – Agatha Drive (NONCD 0002817)
7091 Agatha Drive
Stokesdale, NC 27357

Dear Mr. Autrand:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the referenced address on October 27, 2010. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). VOCs were detected in the water sample as shown on the attached sheets.

Because VOCs were detected in the water sample, a Health Risk Evaluation (HRE) of the water supply was performed by our toxicologist. The HRE, which is enclosed, compares the concentration of detected contaminants to acceptable concentrations and provides a recommendation for acceptable uses of the water.

In accordance with the residential property disclosure act, it is your responsibility to disclose this contamination as part of the property sale. You should also notify all current and future tenants of your property of the contamination detected in your well.

If you have any questions regarding the Health Risk Evaluation, please contact Hanna Assefa at (919) 508-8445 or me at (336) 641-4746.

Sincerely,

John Nantz
Division of Environmental Health

Enclosure

November 17, 2010

**MEMORANDUM**

**TO:** John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health
Superfund Section

**FROM:** Hanna Assefa, Industrial Hygienist
Inactive Hazardous Sites Branch
Superfund Section

**RE:** Health Risk Evaluation
7091 Agatha Dr.
Stokesdale, Guilford County

Water samples were collected from the water supply well at the subject address on October 27, 2010. The concentration of 1,2-dichloropropane in the water sample does not exceed it's applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

| Sample # | Chemical | 10/27/2010 Concentrations ug/l | USEPA MCL ug/l |
|---|---|---|---|
| ES102810-0126001 | 1,2-Dichloropropane | 2.1 | 5 |

ug/l = micrograms per liter

# Guilford County, NC

| | | | |
|---|---|---|---|
| *Old Parcel Number* | 131006580098000056 | *Condo Book* | |
| *Parcel Number* | 0150734 | *Condo Page* | |
| *PIN* | 7920350832 | *Total Assessed Value* | $142,600 |
| *Owner Name* | AUTRAND, JIMMY D ; AUTRAND, MELODIE J | *Total Building Value* | $122,600 |
| *Mailing Address 1* | 7091 AGATHA DR | *Total Out Building Value* | $0 |
| *Mailing Address City* | STOKESDALE | *Total Land Value* | $20,000 |
| *Mailing Address State* | NC | *Total Deferred Value* | $0 |
| *Mailing Address Zip* | 27357 | *Building Count* | 1 |
| *Property Address* | 7091 AGATHA DR | *Building Number* | 1 |
| *Legal Desc 1* | Lot # 1.58 AC 8 RPB127-61 ELLISON ESTS | *Year Built* | 2000 |
| *Land Units* | 1.5800 | *Heated Area* | 1316 |
| *Deed Book* | 007088 | *Bedrooms* | 3 |
| *Deed Page* | 00691 | *Bathrooms* | FULL:2 HALF: 0 |
| *Plat Book* | | *Use Code* | RESIDENTIAL |
| *Plat Page* | | *Appraisal Model Code* | SFR |

*Disclaimer:* While every effort is made to keep information provided over the internet accurate and up-to-date, Guilford County does not certify the authenticity or accuracy of such information. No warranties, express or implied, are provided for the records and/or mapping data herein, or for their use or interpretation by the User.

Map Scale
**1 inch = 88 feet**

NONCD 0002817

November 22, 2010

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, Inactive Hazardous Sites Branch

FROM: John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health

RE: Health Risk Evaluation Request
7091 Agatha Drive, Stokesdale
Guilford County

This sample was collected from a private water supply well located at 7091 Agatha Drive, Stokesdale, North Carolina. I collected this sample (identified as Laboratory Number 101186) on October 27, 2010, to monitor the contamination that originates from an unknown release. Because this sample was collected from a water supply well, Guilford County Environmental Health requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations and the portion of the laboratory analytical report associated with this sample is attached.

| Compound | Units | Concentration |
|---|---|---|
| *Organics* | | |
| 1,2-Dichloropropane | µg/L | 2.1 |
| | µg/L | |
| | µg/L | |
| | µg/L | |

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

**Name of Owner, Patient Or Supply:** _____ **Telephone # (____)** _____

**Address:** 7091 AGATHA DR. **County:** GUILFORD

STOKESDALE **Zip:** _____

WELLHEAD TAP

---

**Report to:** JOHN NANTZ **Collected By:** JOHN NANTZ

**Telephone #** 336 641-4746 **Telephone #** 336 641-4746

**Address:** GUILFORD COUNTY HD **Date Collected:** 10-27-10

400 W. MARKET ST. SUITE 300 **Analysis Desired:** VOC

GREENSBORO NC 27401

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 101186 | #3 | 7091 AGATHA DRIVE 10.0°C | |
| | | 2-40ml vials | |
| | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 101187 | | TRIP BLANK (DATE: 12-14-09) SEE ATTACHED SHEET(S) | |
| | | | |

ES102810-0126001
101186
10/27/2010
VOA 524.2 (47)

ES102810-0126002
101187
12/14/2009
VOA 524.2 (47)

**Date Received:** OCT 28 2010 **Date Reported:** NOV 03 2010

**Date Extracted:** _____ **Date Analyzed:** 10-28-10

**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

P.O. Box 28047
306 N. Wilmington St.
Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0126**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7091 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0126001** Collected: 10/27/2010 JOHN NANTZ
Received: 10/28/2010 09:57 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101186**
Sample Source: Temp. at Receipt: 10.0 DEG C GPS #:

Sample Description:
Comment: ANALYTICAL METHOD REQUIRES SAMPLE TEMP <6 DEG C. DATA NOT TO BE USED FOR COMPLIANCE PURPOSES.

**Organic Chem - VOCs** **Method:** EPA 524.2

**VOA 524.2 (47)**

| Analyte | Result | RL | Units | Qualifier(s) |
|---|---|---|---|---|
| Chloromethane | Not Detected | 0.5 | ug/L | Temp |
| Vinyl chloride | Not Detected | 0.5 | ug/L | Temp |
| Bromomethane | Not Detected | 0.5 | ug/L | Temp |
| Chloroethane | Not Detected | 0.5 | ug/L | Temp |
| Trichlorofluoromethane | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| Acetone | Not Detected | 2.0 | ug/L | Temp |
| Iodomethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Disulfide | Not Detected | 0.5 | ug/L | Temp |
| Methylene chloride | Not Detected | 0.5 | ug/L | Temp |
| Acrylonitrile | Not Detected | 0.5 | ug/L | Temp |
| trans-1,2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| MTBE | Not Detected | 0.5 | ug/L | Temp |
| 1,1-Dichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Isopropyl Ether | Not Detected | 0.5 | ug/L | Temp |
| cis-1.2-Dichloroethene | Not Detected | 0.5 | ug/L | Temp |
| 2-Butanone (MEK) | Not Detected | 2.0 | ug/L | Temp |
| Tetrahydrofuran | Not Detected | 2.0 | ug/L | Temp |
| Chloroform (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,1,1-Trichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Carbon Tetrachloride | Not Detected | 0.5 | ug/L | Temp |

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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES102810-0126**

| | | | | |
|---|---|---|---|---|
| Benzene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Trichloroethene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dichloropropane | 2.1 | 0.5 | ug/L | Temp |
| Dibromomethane | Not Detected | 0.5 | ug/L | Temp |
| Bromodichloromethane (T) | Not Detected | 0.5 | ug/L | Temp |
| cis-1,3-Dichloropropene | Not Detected | 0.5 | ug/L | Temp |
| 4-Methyl-2-pentanone | Not Detected | 0.5 | ug/L | Temp |
| Toluene | Not Detected | 0.5 | ug/L | Temp |
| trans-1,3-Dichloropropene | Not Detected | 0.5 | ug/L | Temp |
| 1,1,2-Trichloroethane | Not Detected | 0.5 | ug/L | Temp |
| Tetrachloroethene | Not Detected | 0.5 | ug/L | Temp |
| 2-Hexanone | Not Detected | 0.5 | ug/L | Temp |
| Dibromochloromethane (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dibromoethane(EDB) | Not Detected | 0.5 | ug/L | Temp |
| Chlorobenzene | Not Detected | 0.5 | ug/L | Temp |
| 1,1,1,2-Tetrachloroethane | Not Detected | 0.5 | ug/L | Temp |
| Ethylbenzene | Not Detected | 0.5 | ug/L | Temp |
| Total Xylenes | Not Detected | 0.5 | ug/L | Temp |
| Styrene | Not Detected | 0.5 | ug/L | Temp |
| Bromoform (T) | Not Detected | 0.5 | ug/L | Temp |
| 1,1,2,2-Tetrachloroethane | Not Detected | 0.5 | ug/L | Temp |
| 1,4-Dichlorobenzene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dichlorobenzene | Not Detected | 0.5 | ug/L | Temp |
| 1,2-Dibromo-3-chloropropane (DBCP) | Not Detected | 2.0 | ug/L | Temp |
| 1,2,3-Trichloropropane | Not Detected | 0.5 | ug/L | Temp |

**Report Date:** 11/3/2010 **Reported By:** *Nancy Jones*

nJ9

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

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Raleigh, NC 27611-8047
http://slph.ncpublichealth.com
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES102810-0126**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NANTZ

County: GUILFORD

**Name of System:**

,
7091 AGATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES102810-0126002** Collected: 12/14/2009 KMN
Received: 10/28/2010 09:57 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **101187**
Sample Source: Temp. at Receipt: 10.0 DEG C GPS #:

Sample Description: TRIP BLANK
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 | TRACE | 0.5 | ug/L | C |
| 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 | |

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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES102810-0126**

| | | | | |
|---|---|---|---|---|
| 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 | |
| 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 | 0.8 | 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:** 11/3/2010 **Reported By:** *Nancy Jones*

NJY

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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES102810-0126**

## Environmental Qualifier Descriptions

| Code | Description |
|---|---|
| * | Result exceeds MCL |
| >ht | Entered past holding exp |
| A | User choice 1 |
| Ach | Above ULC |
| Amt | Non-default amount used |
| B | Blank over RL |
| C | Possible Lab Contamination |
| Cg | Confluent Growth |
| D | User choice 3 |
| Eh | Exceeded Holding Time |
| Haz | Hazard Level Exceeded |
| Hirec | High recovery |
| J | Estimated Value |
| Lorec | Low recovery |
| M | Matrix Interference |
| Ofe | Over 48 hours |
| Sp | Sample processing problem |
| Susp | Suspect result |
| T | Trihalomethane |
| Tc | Turbid Culture |
| Temp | Temperature Range Exceeded |
| Ti | Tentative Identification |
| Tntc | Too numerous to count |
| U | Beneath MDL |
| V | User choice 4 |

December 14, 2009

**MEMORANDUM**

**TO:** John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health
Superfund Section

**FROM:** Hanna Assefa, Industrial Hygienist
Inactive Hazardous Sites Branch
Superfund Section

**RE:** Health Risk Evaluation
7091 Agatha Dr.
Stokesdale, Guilford County

Water samples were collected from the water supply well at the subject address on November 18, 2009. The concentration of 1,2-dichloropropane in the water sample collected after filter does not exceed it's applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

| Sample # | Chemical | 11/18/2009 Concentrations Ug/l | USEPA MCL Ug/l |
|---|---|---|---|
| ES111909-0005 | 1,2-Dichloropropane | 0.8 | 5 |

December 3, 2009

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, Inactive Hazardous Sites Branch

FROM: John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health

RE: Health Risk Evaluation Request
7091 Agatha Drive
Stokesdale, Guilford County

These samples were collected from a private well water supply system located at 7091 Agatha Drive in Stokesdale, North Carolina. The samples (identified as Laboratory Numbers 091427 and 091429) were collected on November 18, 2009, to determine current levels of 1,2-Dichloropropane in groundwater at that location. Sample number 091427 was collected from the wellhead. Sample number 091429 is a filtered sample collected from an inside tap. The house has a whole-house carbon filtration system and the filtered sample results confirm that the filtration system is effectively removing the 1,2-Dichloropropane. The source of the contamination is unknown at this time. Because these samples were collected from a well water supply system, Guilford County Environmental Health requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations. The laboratory analytical reports associated with these samples are attached.

| Compound | Units | Concentration |
|---|---|---|
| *Organics* | | |
| 1,2-Dichloropropane | µg/L | 0.8 |
| | µg/L | |
| | µg/L | |
| | µg/L | |
| | ug/L | |
| | ug/L | |
| | ug/L | |
| | ug/L | |
| | ug/L | |
| | ug/L | |
| | ug/L | |

PLEASE READ INSTRUCTION SHEET

VOA VIALS CONTAIN 1:1 HCL
DO NOT RINSE

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

PLEASE RUSH

Name of Owner, Patient Or Supply: FRED HITCHCOCK

Telephone # (336) 404-7574

Address: 7091 AGATHA DR.

STOKESDALE Zip:

County: GUILFORD

UNFILTERED SAMPLE

Report to: JOHN NANTZ

Telephone # (336) 641-4746

Address: GUILFORD COUNTY HD
400 W. MARKET ST. SUITE 300
GREENSBORO NC 27401

Collected By: SAME

Telephone # ( )

Date Collected: 11-18-09

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 091427 | | 7.0°C | |
| | | 2-40 ml vials | |
| | | SEE ATTACHED SHEET(S) | |
| 091428 | | TRIP BLANK (DATE: 11-5-08) SEE ATTACHED SHEET(S) | |

ES111909-0005001
091427
11/18/2009
VOA 524.2 (47)

ES111909-0005002
091428
11/05/2008
VOA 524.2 (47)

Date Received: NOV 19 2009 KMW

Date Extracted:

Date Reported: NOV 20 2009

Date Analyzed: 11-19-09

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

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


Sample Group: **ES111909-0005**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NYKAMP

County: GUILFORD

**Name of System:**

HITCHCOCK, FRED
7091 ALATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES111909-0005001** Collected: 11/18/2009 JOHN NANTZ
Received: 11/19/2009 11:24 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **091427**
Sample Source: Temp. at Receipt: 7.0 DEG C GPS #:

Sample Description:
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 | |

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Fax: 919-733-8695


Sample Group: **ES111909-0005**

| | | | | |
|---|---|---|---|---|
| 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 | 0.8 | 0.5 | ug/L | J |
| Dibromomethane | Not Detected | 0.5 | ug/L | |
| 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:** 11/20/2009 **Reported By:** *Nancy Jones*

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
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: **ES111909-0005**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NYKAMP

County: GUILFORD

**Name of System:**

HITCHCOCK, FRED
7091 ALATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES111909-0005002** Collected: 11/05/2008 KMN
Received: 11/19/2009 11:24 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **091428**
Sample Source: Temp. at Receipt: 7.0 DEG C GPS #:

Sample Description: TRIP BLANK
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 | |

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
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: **ES111909-0005**

| | | | | |
|---|---|---|---|---|
| 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 | |
| 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 | 1.5 | 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:** 11/20/2009 **Reported By:** *Nancy Jones*

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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES111909-0005**

## Environmental Qualifier Descriptions

| Code | Description |
|---|---|
| * | Result exceeds MCL |
| ; | |
| >ht | Entered past holding exp |
| A | User choice 1 |
| Ach | Above ULC |
| Amt | Non-default amount used |
| B | Blank over RL |
| C | Possible Lab Contamination |
| Cg | Confluent Growth |
| D | User choice 3 |
| Haz | Hazard Level Exceeded |
| Hirec | High recovery |
| J | Estimated Value |
| Lorec | Low recovery |
| Ofe | Over 48 hours |
| Sp | Sample processing problem |
| Susp | Suspect result |
| T | Trihalomethane |
| Tc | Turbid Culture |
| Temp | Temperature Range Exceeded |
| Ti | Tentative Identification |
| Tntc | Too numerous to count |
| U | Beneath MDL |
| V | User choice 4 |

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

PLEASE RUSH

Name of Owner, Patient Or Supply: FRED HITCHCOCK

Telephone # (336) 404-7574

Address: 7091 ALATHA DR.
STOKESDALE Zip:

County: GUILFORD

FILTERED SAMPLE

---

Report to: JOHN NANTZ

Telephone # (336) 641-4746

Address: GUILFORD COUNTY HD
400 W. MARKET ST. SUITE 300
GREENSBORO NC 27401

Collected By: SAME

Telephone # (___)

Date Collected: 11-18-09

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 091429 | | 7.0°C | |
| | | 2-40ml vials | |
| | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 091430 | | TRIP BLANK (DATE: 12-3-08) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |

ES111909-0006001
091429
11/18/2009
VOA 524.2 (47)

ES111909-0006002
091430
12/03/2008
VOA 524.2 (47)

Date Received: NOV 19 2009 KMN

Date Extracted:

Date Reported:

Date Analyzed: 11-19-09

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

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


Sample Group: **ES111909-0006**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: LUKE VAN EYK

County: GUILFORD

**Name of System:**

HITCHCOCK, FRED
7091 ALATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES111909-0006001** Collected: 11/18/2009 JOHN NANTZ
Received: 11/19/2009 11:29 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **091429**
Sample Source: Temp. at Receipt: 7.0 DEG C GPS #:

Sample Description:
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 | |

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Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES111909-0006**

| | | | |
|---|---|---|---|
| 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 |
| 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:** 11/20/2009 **Reported By:** *Nancy Jones*

NJ

# North Carolina State Laboratory of Public Health

*Environmental Sciences*

Organic Chemistry

Certificate of Analysis

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http://slph.state.nc.us
Phone: 919-733-7834
Fax: 919-733-8695


Sample Group: **ES111909-0006**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: LUKE VAN EYK

County: GUILFORD

**Name of System:**

HITCHCOCK, FRED
7091 ALATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES111909-0006002** Collected: 12/03/2008 KMN
Received: 11/19/2009 11:29 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **091430**
Sample Source: Temp. at Receipt: 7.0 DEG C GPS #:

Sample Description: TRIP BLANK
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 | |

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http://slph.state.nc.us
Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES111909-0006**

| | | | | |
|---|---|---|---|---|
| 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 | |
| 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 | 1.6 | 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:** 11/20/2009 **Reported By:** *Nancy Jones*

NJ

North Carolina State Laboratory of Public Health
*Environmental Sciences*
Organic Chemistry
Certificate of Analysis

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http://slph.state.nc.us
Phone: 919-733-7834
Fax: 919-733-8695

Sample Group: **ES111909-0006**

## Environmental Qualifier Descriptions

| Code | Description |
|---|---|
| * | Result exceeds MCL |
| ; | |
| >ht | Entered past holding exp |
| A | User choice 1 |
| Ach | Above ULC |
| Amt | Non-default amount used |
| B | Blank over RL |
| C | Possible Lab Contamination |
| Cg | Confluent Growth |
| D | User choice 3 |
| Haz | Hazard Level Exceeded |
| Hirec | High recovery |
| J | Estimated Value |
| Lorec | Low recovery |
| Ofe | Over 48 hours |
| Sp | Sample processing problem |
| Susp | Suspect result |
| T | Trihalomethane |
| Tc | Turbid Culture |
| Temp | Temperature Range Exceeded |
| Ti | Tentative Identification |
| Tntc | Too numerous to count |
| U | Beneath MDL |
| V | User choice 4 |

December 14, 2009

**MEMORANDUM**

**TO:** John Nantz, Senior Environmental Health Specialist
Guilford County Environmental Health
Superfund Section

**FROM:** Hanna Assefa, Industrial Hygienist
Inactive Hazardous Sites Branch
Superfund Section

**RE:** Health Risk Evaluation
7091 Agatha Dr.
Stokesdale, Guilford County

Water samples were collected from the water supply well at the subject address on November 18, 2009. The concentration of 1,2-dichloropropane in the water sample collected after filter does not exceed it's applicable standard. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L).

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other residential purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

| Sample # | Chemical | 11/18/2009 Concentrations Ug/l | USEPA MCL Ug/l |
|---|---|---|---|
| ES111909-0005 | 1,2-Dichloropropane | 0.8 | 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**

**Name:** Hitchcock **County :** Guilford

**Sample Identification Number:** 091429

## 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 _____

**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**

_____

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

PLEASE RUSH

Name of Owner, Patient Or Supply: FRED HITCHCOCK

Telephone # (336) 404-7574

Address: 7091 ACATHA DR.

STOKESDALE Zip:

County: GUILFORD

FILTERED SAMPLE

Report to: JOHN NANTZ

Telephone # (336) 641-4746

Address: GUILFORD COUNTY HD
400 W. MARKET ST. SUITE 300
GREENSBORO NC 27401

Collected By: SAME

Telephone # ( )

Date Collected: 11-18-09

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 091429 | | 7.0°C | |
| ES111909-0006001<br>091429<br>11/18/2009<br>VOA 524.2 (47) | | 2-40ml vials<br>SEE ATTACHED SHEET(S) | |
| ES111909-0006002<br>091430<br>12/03/2008<br>VOA 524.2 (47) | | | |
| 091430 | | TRIP BLANK (DATE: 12-3-08) SEE ATTACHED SHEET(S) | |

Date Received: NOV 19 2009 KMN

Date Extracted:

Date Reported:

Date Analyzed: 11-19-09

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

# North Carolina State Laboratory of Public Health

Environmental Sciences
Organic Chemistry

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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


## Certificate of Analysis

Sample Group: **ES111909-0006**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: LUKE VAN EYK

County: GUILFORD

**Name of System:**

HITCHCOCK, FRED
7091 ALATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES111909-0006001** Collected: 11/18/2009 JOHN NANTZ
Received: 11/19/2009 11:29 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **091429**
Sample Source: Temp. at Receipt: 7.0 DEG C GPS #:

Sample Description:
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 | |

North Carolina State Laboratory of Public Health
Environmental Sciences
Organic Chemistry
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: **ES111909-0006**

| | | | |
|---|---|---|---|
| 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 |
| 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:** 11/20/2009

**Reported By:** *Nancy Jones*

NJ8

# 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:** Hitchcock **County:** Gr. Ford

**Sample Identification Number:** 09/427

## 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 _____

**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**

_____

VOA VIALS CONTAIN 1:1 HCL
DO NOT RINSE

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

PLEASE RUSH

Name of Owner, Patient Or Supply: FRED HITCHCOCK
Telephone # (336) 404-7574
Address: 7091 AGATHA DR
STOKESDALE Zip:
County: GUILFORD

UNFILTERED SAMPLE

Report to: JOHN NANTZ
Telephone # (336) 641-4746
Address: GUILFORD COUNTY HD
400 W. MARKET ST. SUITE 300
GREENSBORO NC 27401

Collected By: SAME
Telephone # ( )
Date Collected: 11-18-09
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 091427 | | 4°C | |
| ES111909-0005001 091427 11/18/2009 VOA 524.2 (47) | | 2-40 ml vials | |
| | | SEE ATTACHED SHEET(S) | |
| ES111909-0005002 091428 11/05/2008 VOA 524.2 (47) | | | |
| 091428 | | TRIP BLANK (DATE: 11-5-08) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |

Date Received: NOV 19 2009 KMW
Date Extracted:

Date Reported: NOV 20 2009
Date Analyzed: 11-19-09
Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

North Carolina State Laboratory of Public Health
Environmental Sciences
Organic Chemistry
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: **ES111909-0005**

**Report To:**

GUILFORD COUNTY ENVIRONMENTAL HEALTH (WC

400 W MARKET STREET SUITE 300

GREENSBORO, NC 27401

Attn: JOHN NYKAMP

County: GUILFORD

**Name of System:**

HITCHCOCK, FRED
7091 ALATHA DR.

STOKESDALE, NC

Well Permit #:

Sample #: **ES111909-0005001** Collected: 11/18/2009 JOHN NANTZ
Received: 11/19/2009 11:24 MNICHOLSON

Sample Type: **Water** Sampling Point: Client Sample #: **091427**
Sample Source: Temp. at Receipt: 7.0 DEG C GPS #:

Sample Description:
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 | |

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Environmental Sciences
Organic Chemistry
Certificate of Analysis

Sample Group: **ES111909-0005**

| | | | | |
|---|---|---|---|---|
| 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 | 0.8 | 0.5 | ug/L | J |
| Dibromomethane | Not Detected | 0.5 | ug/L | |
| 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:** 11/20/2009

**Reported By:** *Nancy Jones*

NJ

North Carolina Department of Environment and Natural Resources
Division of Waste Management
Superfund Section
Inactive Hazardous Sites Branch

NCDENR

# NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE

*Please read instructions before completing and type or print in black ink.*

I. SITE NAME AND LOCATION:

Site Name (one site per form) AGATHA DRIVE
Location (street address) AGATHA DRIVE
City STOKESDALE US EPA ID# (if known) _____
County GUILFORD
Directions to Site
I-40 WEST TO NC 68 NORTH
NC 68 NORTH TO STOKESDALE
TR ON US 158
TR ON ELLISON ROAD
TL ON AGATHA DRIVE

Attach a USGS topographic map or map of equal or reasonably similar scale (1 inch = 2000 ft.) showing the location and vicinity of the site or facility. Label map with the site name.

II. PERSON COMPLETING FORM:

Name JOHN NANT 2
Mailing Address GUILFORD COUNTY HEALTH DEPT.
1203 MAPLE ST.
City GREENSBORO State NC Zip Code 27405
Telephone (336) 641-4746

Present Owner ___
Past Owner ___
Present Operator ___
Past Operator ___
Other ___
(specify) _____

III. PRESENT OWNER:

Individual Owner or Company Name _____
Executive Officer _____
Mailing Address _____
City _____ State _____ Zip Code _____
Telephone (___) _____

Corporation ___
Partnership ___
Individual ___
Government Unit ___
Other ___
(specify) _____

IV. CURRENT SITE USE:

Check the item or items which describe the current use of the site.

| | | | | | |
|---|---|---|---|---|---|
| Residential | X | Forest Land | ___ | Retirement Home | ___ |
| Business | ___ | Farm Land | ___ | Other | ___ |
| Industrial | ___ | School/Day Care | ___ | *(specify)* | |
| Pasture Land | ___ | Hospital | ___ | | |

V. ON-SITE RESIDENTS:

Are there any on-site residents? X Yes ___ No
Number of children (≤ 6 years old) living on site _____ Number of adults _____

VI. SURROUNDING PROPERTY USE:

Check the appropriate description of the area surrounding the site. (*More than one may apply.*)

| | | | | | |
|---|---|---|---|---|---|
| Residential | X | Forest Land | ___ | Retirement Home | ___ |
| Business | ___ | Farm Land | X | Other | ___ |
| Industrial | ___ | School/Day Care | ___ | *(Specify)* | |
| Pasture Land | X | Hospital | ___ | | |

VII. Site Operations (*More than one may apply.*):

| | Current | Previous |
|---|---|---|
| 1. Mining | ___ | ___ |
| 2. Paper and wood production | ___ | ___ |
| 3. Textiles | ___ | ___ |
| 4. Fertilizer | ___ | ___ |
| 5. Printing/painting | ___ | ___ |
| 6. Leather tanning | ___ | ___ |
| 7. Iron/steel foundry | ___ | ___ |
| 8. Chemical, general | ___ | ___ |
| 9. Plating/polishing | ___ | ___ |
| 10. Military/ammunition | ___ | ___ |
| 11. Firing range | ___ | ___ |
| 12. Rubber/plastics | ___ | ___ |
| 13. Utility companies/transformers | ___ | ___ |
| 14. Sanitary/refuse | ___ | ___ |
| 15. Photo finishing | ___ | ___ |
| 16. Lab/hospital | ___ | ___ |
| 17. Wood treating | ___ | ___ |
| 18. Battery reclamation | ___ | ___ |
| 19. Pesticides formulation, packaging and/or distribution | ___ | ___ |
| 20. Herbicide formulation, packaging and/or distribution | ___ | ___ |
| 21. Other agrichemical formulation, packaging and/or distribution | ___ | ___ |
| 22. Dry cleaning | ___ | ___ |
| 23. Petrochemical processing or refining | ___ | ___ |
| 24. Furniture manufacturing or finishing | ___ | ___ |
| 25. Drum reconditioning | ___ | ___ |
| 26. Unknown | ___ | ___ |
| 27. Other (*specify*) _____ | ___ | ___ |

VIII. ENVIRONMENTAL PERMITS:

List all previous and current environmental permits below.

| Type of Permit (e.g. landfill, nondischarge, etc.) | Past Present (circle one) | Permit Number | Date Issued | Issuing Agency |
|---|---|---|---|---|
| | Past Present | | | |
| | Past Present | | | |
| | Past Present | | | |
| | Past Present | | | |
| | Past Present | | | |
| | Past Present | | | |
| | Past Present | | | |

IX. KNOWN OR SUSPECTED RELEASES OF HAZARDOUS SUBSTANCES OR WASTE TO THE ENVIRONMENT:

List all on-site spills, disposals and other releases of hazardous substances or materials containing hazardous substances.

| Material/ Chemical Released (Known and suspected) | Physical State of Material (Use codes below) | Approx. Volume Released | Date of Release | Suspected Contaminants (Use codes below) | Source of Release (e.g. tank, buried drums, landfill, product spill, etc.) | Known or Suspected Contamination: Ground water (Enter K - if known and S - if Suspected) | Surface Water | Sediment | Soil |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-DICHLOROPROPANE | | | | | | K | | | S |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Physical State Codes

G - Containerized Gas
L - Liquid
S - Solid/Powder
Sl - Sludge

A - Acids
Ab - Asbestos
Am - Ammonia
B - Bases
C - Cyanide

Codes for Suspected Contaminants

D - Dioxins
M - Metals
Mu - Mixed Municipal Waste
O - Organic Chemicals
P - PCBs
Pe - Petroleum Products
Ps - Pesticides
W - Waste Oil

X. TOTAL AREA OF ALL DISPOSALS, SPILLS, OR RELEASES OF HAZARDOUS SUBSTANCES OR WASTE:

___ less than 1 acre
___ 1 acre or more, but less than 5 acres
___ 5 acres or more, but less than 10 acres
___ 10 acres or more
X Unknown

XI. AVAILABILITY OF ENVIRONMENTAL ANALYTICAL DATA:

Do any environmental reports or laboratory analytical data exist for the site? X Yes ___ No
If yes, attach reports or data to this form. PRIVATE WELL RESULTS

XII. IDENTIFY WHETHER ANY OF THE FOLLOWING ARE PRESENT OR WERE PRESENT IN THE PAST AT THE SITE (*More than one may apply.*):

| | | |
|---|---|---|
| ___ Debris pile(s) | ___ Tank(s) above ground | ___ Spill(s) |
| ___ Land treatment of sludges | ___ Septic tank(s) | ___ Wastewater lagoon(s) |
| ___ Landfill(s) or buried waste | ___ Surface impoundment(s) | ___ Drum(s) |
| ___ Tank(s) underground | ___ Underground injection of waste | |

___ Other (*specify*) _____

XIII. ACCESSIBILITY OF SITE (*More than one may apply.*):

___ 24-hour security guard
___ Security guard < 24-hour/day
___ Physical barrier (steep bank, creek, walls, etc.)
Describe physical barriers _____
_____
___ Site completely surrounded by fence
___ Site partially surrounded by fence
___ Locked gate
___ Unlocked gate
___ No control of access to site
___ Other (*specify*) _____

XIV. WATER SUPPLY SOURCES:

Identify whether the following are present on site or on adjacent property.

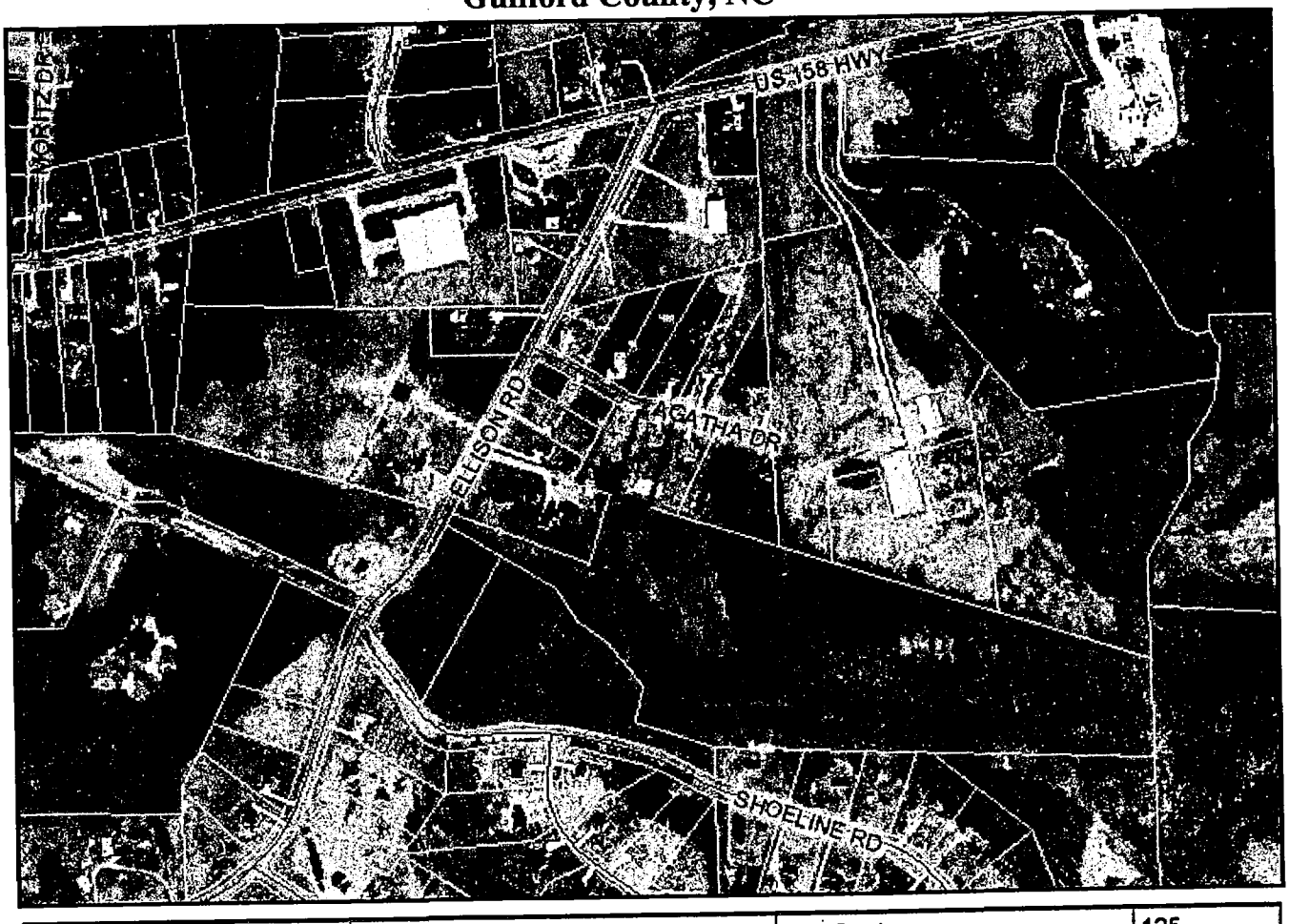
| | Present on site | | Present on Adjacent Property | |
|---|---|---|---|---|
| | Yes | No | Yes | No |
| Spring | ___ | ___ | ___ | ___ |
| Well | X | ___ | X | ___ |
| Surface Water Intake | ___ | ___ | ___ | ___ |

XV. SITE SURFACE WATER:

Indicate whether any surface water bodies (e.g. streams and lakes) exist on the site or the property adjacent to the site.

_____
_____
_____
_____
_____

# Guilford County, NC




| | | | |
|---|---|---|---|
| *Parcel Number* | 131006580098000058 | *Plat Book* | 125 |
| *Owner Name* | PRIDGEN ABIGA L | *Plat Page* | 139 |
| *Mailing Address 1* | 2801 REGENTS PARK LANE | *Condo Book* | |
| *Mailing Address 2* | | *Condo Page* | |
| *Mailing Address 3* | | *Total Assessed Value* | $133,000 |
| *Mailing Address City* | GREENSBORO | *Total Building Value* | $113,000 |
| *Mailing Address State* | NC | *Total Out Building Value* | $0 |
| *Mailing Address Zip* | 274550000 | *Total Land Value* | $20,000 |
| *Property Address* | 7095 AGATHA DR | *Total Deferred Value* | $0 |
| *Legal Desc 1* | .69AC 10 PB125-139 | *Building Count* | 1 |
| *Legal Desc 2* | ELLISON ESTS | *Building Number* | 1 |
| *Land Units* | +0.69 | *Year Built* | 1997 |
| *Land Type* | AC | *Heated Area* | 1346 |
| *Deed Date* | 6/24/2004 12:00:00 AM | *Bedrooms* | 3 |
| *Deed Document Type* | CU | *Full Bathrooms* | 2 |
| *Deed Book* | 6119 | *Use Code* | 1 |
| *Deed Page* | 0075 | *Appraisal Model Code* | 1 |

*Disclaimer:* While every effort is made to keep information provided over the internet

North Carolina
Department of Health and Human Services
Division of Public Health
State Laboratory of Public Health
306 North Wilmington Street ▪ Post Office Box 28047 ▪ Raleigh, North Carolina 27611-8047

# FAX MESSAGE

PAGE: 1 OF 4 DATE: 10-5-07

TO: Mindy Lepard

LOCATION: Guilford Co. H.D.

FAX NUMBER: 336-641-4812

FROM: Nancy Jones

SECTION: ENVIRONMENTAL SCIENCES

TELEPHONE: (919)-733-7308

FAX: (919)-715-8611

MESSAGE: VOC results

Please Read instruction sheet
VOA vials contain 1:1 HCL

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

2/94/3/9

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: Linda Pridgen
Address: 7095 Agatha Drive
Stokesdale Zip:

Telephone # (336) 253-9533
County: Guilford

Report to: John Nantz
Telephone # (336) 641-4746
Address: 1203 Maple Street
Greensboro, NC 27405

Collected By: Mindy Lepard
Telephone # (336) 641-5557
Date Collected: 09/05/07
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| | 1 | 7095 Agatha Drive, Kitchen Faucet | |
| 071316 | | 2-40 ml vials SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 071317 | | TRIP BLANK (DATE: 05-24-07) SEE ATTACHED SHEET(S) | |
| 6.0°C ✓ | | | |

Date Received: SEP 06 2007 KMN
Date Extracted:

Date Reported: SEP 19 2007
Date Analyzed: 9-7-07
Reported By: Nancy J. Jones

AA 45630
AA 45631

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

# Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 071316

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 0.5 µg/L | 1.1 | 1,2-Dichloropropane | 0.5 µg/L | 5.4 |
| Vinyl Chloride | 0.5 µg/L | | Dibromomethane | 0.5 µg/L | 4 |
| Bromomethane | 0.5 µg/L | | Bromodichloromethane T | 0.5 µg/L | |
| Chloroethane | 0.5 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 0.5 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane T | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform T | 0.5 µg/L | |
| Chloroform T | 0.5 µg/L | | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ✓ |
| Trichloroethene | 0.5 µg/L | ✓ | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit T = trihalomethane
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
V - Tentative identification.
D - Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry**

LABORATORY # 071317 TRIP BLANK

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 0.5 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | U |
| Vinyl Chloride | 0.5 µg/L | | Dibromomethane | 0.5 µg/L | |
| Bromomethane | 0.5 µg/L | | Bromodichloromethane T | 0.5 µg/L | |
| Chloroethane | 0.5 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 0.5 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane T | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | TRACE |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | U |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | 1.0J |
| Tetrahydrofuran | 2.0 µg/L | 5.5 | Bromoform T | 0.5 µg/L | U |
| Chloroform T | 0.5 µg/L | U | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit T = trihalomethane

C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative Identification.
D - Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 5-24-07)

# NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
## DIVISION OF PUBLIC HEALTH
## OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH (OEEB)
## Medical Evaluation and Risk Assessment Unit

**Drinking Water Health Risk Evaluation**
**Organics**

DATE 10/3/07 COUNTY Guilford LABORATORY# 071316

☐ Based on these analytical results, the water from your well is considered safe for drinking, cooking, washing dishes, bathing, and showering.

☑ Chemical concentrations found in your well water are higher than what is recommended. Your water should not be used for drinking or cooking. These chemicals can be absorbed through the skin so limit showering and bathing time to under 10 minutes.

☐ Your well water is highly contaminated and should not be used for drinking, cooking, bathing, and showering.

☐ The laboratory results indicate that follow-up testing is needed, please resample **immediately. PLEASE INDICATE ON FUTURE LAB SHEETS THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).**

☑ COMMENTS:
Your laboratory results have been compared to the North Carolina Public Health Goals (NCPHGs). The goals were developed by the NC OEEB as non-regulatory concentrations that can be used to evaluate the safety of private well drinking water. The goals are health-based concentrations that are considered safe based on a person drinking one to two liters of well water a day.

Elevated 1,2-dichloropropane levels are indicated

For further information, contact **Dr Ken Rudo** with the **Occupational and Environmental Epidemiology Branch** at (919) 707-5911.

Revised 09/06/07

VOC'S

Please Read instruction sheet
VOA vials contain 1:1 HCL

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: Linda Pridgen

Telephone # (336) 253-9533

Address: 7095 Agatha Drive
Stokesdale Zip:

County: Guilford

Report to: John Nantz

Telephone # (336) 641-4746

Address: 1203 Maple Street
Greensboro, NC 27405

Collected By: Mindy Lepard

Telephone # (336) 641-5557

Date Collected: 09/05/07

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| | 1 | 7095 Agatha Drive, Kitchen faucet | |
| 071316 | | 2-40 ml vials SEE ATTACHED SHEET(S) | |
| | | | |
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| | | | |
| | | | |
| 071317 | | TRIP BLANK (DATE: 05-24-07) SEE ATTACHED SHEET(S) | |
| 6.0°C ✓ | | | |

Date Received: SEP 06 2007 KMN

Date Reported: SEP 19 2007

Date Extracted:

Date Analyzed: 9-7-07 JP

Reported By: Nancy J. Jones

AA45630
AA45631

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 071316

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 0.5 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | 5.4 |
| Vinyl Chloride | 0.5 µg/L | | Dibromomethane | 0.5 µg/L | U |
| Bromomethane | 0.5 µg/L | | Bromodichloromethane T | 0.5 µg/L | |
| Chloroethane | 0.5 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 0.5 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane T | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform T | 0.5 µg/L | |
| Chloroform T | 0.5 µg/L | | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit T = trihalomethane
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 071317
TRIP BLANK

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 0.5 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | U |
| Vinyl Chloride | 0.5 µg/L | | Dibromomethane | 0.5 µg/L | |
| Bromomethane | 0.5 µg/L | | Bromodichloromethane T | 0.5 µg/L | |
| Chloroethane | 0.5 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 0.5 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane T | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | TRACE |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | U |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | 1.0J |
| Tetrahydrofuran | 2.0 µg/L | 5.5 | Bromoform T | 0.5 µg/L | U |
| Chloroform T | 0.5 µg/L | U | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit T = trihalomethane

C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 5-24-07)

7092 ACATHA

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

DRINKING WATER HEALTH RISK EVALUATION
GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 07°586

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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

RECEIVED
MAY 2007
Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: _____ Telephone # (___) _____

Address: _____ County: Guilford

Stokesdale Zip: NC 27357

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Report to: John Nantz Collected By: Gene Mao

Telephone # (336 641-4746 Telephone # (___) 641-3584

Address: 1203 Maple St. Date Collected: 4/13/07

Gso, NC 27405 Analysis Desired: _____

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 Date Reported: MAY 04 2007

Date Extracted: _____ Date Analyzed: 5-2-07

Reported By: Nancy J. Jones

AA44002
AA44003
AA44004

HS Form 2364
oratory (Rev.06/99)
.frm (3/01)

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070586

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL - Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

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:** _____ **Telephone #** (___) _____

**Address:** _____ **County:** Guilford

Stokesdale **Zip:** NC 27357

---

**Report to:** John Nantz **Collected By:** Gene Mao

**Telephone #** (336 641-4746 **Telephone #** (___) 641-3584

**Address:** 1203 Maple st. **Date Collected:** 4/13/07

Gso, NC 27405 **Analysis Desired:** _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-16-07 **Date Reported:** MAY 04 2007

**Date Extracted:** _____ **Date Analyzed:** 5-2-07

**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44002
AA44003
AA44004
✓6.0°C AA44005
AA44006

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070587

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | TRACE |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
*trace – detected, but less than MDL* MDL=*Minimum Detection Limit*
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 3/15/07 COUNTY Guilford LABORATORY # 070594

- ☐ Based on these analytical results, this water should be considered safe for normal usage.
- ☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.
- ☑ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.
- ☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.
- ☐ The laboratory results are not conclusive, please resample.

**PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).**

COMMENTS:

Continued consumption may give an increased health risk over time.
Please keep bathing and shower time under 10 minutes.

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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Epidemiology Branch

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

VOC

Please Read instruction sheet
VOA vials contain 1:1 HCL

Name of Owner, Patient Or Supply: LINDA PRINCEN
Telephone # (____)
Address: 7095 AGATHA DRIVE
SOKESDALE Zip:
County: GUILFORD

Report to: JOHN NANTZ
Telephone # 336 641-4746
Address: GuCo. HEALTH DEPT.
1203 MAPLE STREET
GSO NC 27405

Collected By: JOHN NANTZ
Telephone # 336 641-4746
Date Collected: 4-13-07
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070594 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 JH
Date Reported: MAY 04 2007
Date Extracted:
Date Analyzed: 5-2-07 JH
Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44013

→ Sample exceeded recommended temperature upon receipt.

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DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070594

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | 6.6 |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | √ |
| Trichloroethene | 2.0 µg/L | √ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

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Epidemiology Branch

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | V |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | V | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | V |
| Trichloroethene | 2.0 µg/L | V | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070589

- ☐ Based on these analytical results, this water should be considered safe for normal usage.
- ☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.
- ☑ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.
- ☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.
- ☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

Continued consumption may pose an increased health risk over time.
Please keep bathing and shower times under 10 minutes.
* Resample immediately before + after filter !!

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

Please Read instruction sheet VOA vials contain 1:1 HCL

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

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Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: FRED HITCHCOCK
Telephone # (____)
Address: 7091 AGATHA DR.
STOKESDALE Zip:
County: GUILFORD
~~CARBON~~ WATER SOFTENER TREATMENT

Report to: JOHN NANTZ
Telephone # (336) 641-4746
Address: GuCo HEALTH DEPT.
1203 MAPLE ST
GSO 27405

Collected By: JOHN NANTZ
Telephone # (336) 641-4746
Date Collected: 4-13-07
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| ~~070589~~ | | SEE ATTACHED | SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | | |

Date Received: 4-16-07
Date Reported: MAY 04 2007
Date Extracted:
Date Analyzed: 5-2-07
Reported By: Nancy J. Jones

AA44007
AA44008

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

(-7.5°C) → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

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Occupational & Environmental
Epidemiology, Branch

Q70589

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | 3.7 |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

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MAY 2007
LABORATORY #
Occupational & Environmental
Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

7096 AGATHA DRIVE

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 07-585

- [x] Based on these analytical results, this water should be considered safe for normal usage.
- [ ] Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.
- [ ] The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.
- [ ] Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.
- [ ] The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.

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

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MAY 2007
Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: _____ Telephone # (___) _____

Address: _____ County: Guilford

Stokesdale Zip: NC 27357

Report to: John Nantz Collected By: Gene Mao

Telephone # (336 641-4746 Telephone # (___) 641-3584

Address: 1203 Maple st. Date Collected: 4/13/07
Gso, NC 27405 Analysis Desired: _____

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 Date Reported: MAY 04 2007

Date Extracted: _____ Date Analyzed: 5-2-07

Reported By: Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44002
AA44003
AA44004
AA44005
AA44006

6.0°C

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 3065 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

# Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070585

| COMPOUND | PQL µg/L | µg/L |
|---|---|---|
| Chloromethane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | |
| Benzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | |
| | | |
| | | |

| COMPOUND | PQL | µg/L |
|---|---|---|
| 1,2-Dichloropropane | 2.0 µg/L | U |
| Dibromomethane | 2.0 µg/L | |
| Bromodichloromethane | 2.0 µg/L | |
| cis-1,3-Dichloropropene | 2.0 µg/L | |
| 4-Methyl-2-Pentanone | 2.0 µg/L | |
| Toluene | 2.0 µg/L | |
| trans-1,3-Dichloropropene | 2.0 µg/L | |
| 1,1,2-Trichloroethane | 2.0 µg/L | |
| Tetrachloroethene | 2.0 µg/L | TRACE |
| 2-Hexanone | 2.0 µg/L | U |
| Dibromochloromethane | 2.0 µg/L | |
| Ethylene Dibromide | 2.0 µg/L | |
| Chlorobenzene | 2.0 µg/L | |
| 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Ethyl Benzene | 2.0 µg/L | |
| Xylenes | 2.0 µg/L | |
| Styrene | 2.0 µg/L | |
| Bromoform | 2.0 µg/L | |
| 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,2,3-Trichloropropane | 2.0 µg/L | |
| 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| | | |
| | | |
| | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | ↓ | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | ↓ |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ↓ |
| Trichloroethene | 2.0 µg/L | ↓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

7098 AGATHA DR.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070584

- [x] Based on these analytical results, this water should be considered safe for normal usage.
- [ ] Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.
- [ ] The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.
- [ ] Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.
- [ ] The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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

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MAY 2007
Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: _____ Telephone # (___) _____

Address: _____ County: Guilford

Stokesdale Zip: NC 27357

---

Report to: John Nantz Collected By: Gene Mao

Telephone # (336 641-4746 Telephone # (___) 641-3589

Address: 1203 Maple st. Date Collected: 4/13/07
Gso, NC 27405 Analysis Desired: _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Dr. | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 Date Reported: MAY 04 2007

Date Extracted: _____ Date Analyzed: 5-2-07

Reported By: Nancy T. Jones

AA44002
AA44003
AA44004

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070584

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
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D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Purgeable Organic Compounds by,
Gas Chromatography/Mass Spectrometry

LABORATORY #: 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | ↓ | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | ↓ |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ↓ |
| Trichloroethene | 2.0 µg/L | ↓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
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U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

7031 ELLISON ROAD

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070587

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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

RECEIVED
MAY 2007
Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: _____ Telephone # (___) _____

Address: _____ County: Guilford

Stokesdale Zip: NC 27357

---

Report to: John Nantz Collected By: Gene Mao

Telephone # (336 644-4746 Telephone # (___) 641-3549

Address: 1203 Maple St. Date Collected: 4/13/07

Gso, NC 27405 Analysis Desired: _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
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| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 Date Reported: MAY 04 2007

Date Extracted: _____ Date Analyzed: 5-2-07

Reported By: Nancy J. Jones

AA44002
AA44003
AA44004

DHHS Form 2364
Laboratory (Rev.06/99)

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MAY 2007
Occupational & Environmental
Epidemiology Branch
240987

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | TRACE |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ↓ |
| Trichloroethene | 2.0 µg/L | ↓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
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1/ - Tentative identification.
D -Sample diluted, MDLs do not apply

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | ↓ | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | ↓ |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | TRACE C |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | U |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | ↓ |
| 1,2-Dichloroethane | 2.0 µg/L | ↓ | 1,2-Dibromo-3-Chloropropane | | |
| Trichloroethene | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
*trace* – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

7099 AGATHA DRIVE

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

DRINKING WATER HEALTH RISK EVALUATION
GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 37056 1597

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Please Run VOA Vials

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

~~PETROLEUM PRODUCTS~~
VOC

# Environmental Sciences Analysis Report

**Name of Owner, Patient Or Supply:** _____ **Telephone # (____)** _____

**Address:** _____ **County:** Guilford

Stokesdale **Zip:** 27357

---

**Report to:** John Nantz **Collected By:** Gene Mao

**Telephone #** (336) 641-4766 **Telephone #** (___) 641-3589

**Address:** 1203 Maple Street **Date Collected:** 4/13/07

Oso, NC 27405 **Analysis Desired:** _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070596 | 1 | 7033 E. Wilson Rd | SEE ATTACHED SHEET(S) |
| 070597 | 2 | 7059 E. Wilson Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070598 | | TRIP BLANK (DATE: 3-23-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-6-07 **Date Reported:** MAY 07 2007

**Date Extracted:** _____ **Date Analyzed:** 5-4-07

**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44014
AA44015
AA44016

→ Samples exceeded recommended temperature

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070596

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | ↓ | | | ↓ |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

RECEIVED
NON-TARGETED COMPOUNDS IDENTIFIED
MAY 2007
Occupational & Environmental
Epidemiology Branch

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070597

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NO YOUTHS COMPOUNDS IDENTIFIED

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070598 TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 3.9 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

DATE: 3-23-07

a:\nancy.frm (3/01)

7033 Ellison Rd

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

DRINKING WATER HEALTH RISK EVALUATION
GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 370596 / 597

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

RECEIVED
2007
Occupational & Environmental
Epidemiology Branch

Please Re...
VOA vials ...

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

~~PETROLEUM PRODUCTS~~
VOC

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: _____

Telephone # (____) _____

Address: _____

County: Guilford

Stokes dale Zip: 27358

Report to: John Nantz

Collected By: Gene Mao

Telephone # (336) 641-4746

Telephone # (____) 641-3589

Address: 1203 Maple street
GSO, NC 27405

Date Collected: 4/13/07

Analysis Desired: _____

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070596 | 1 | 7033 Ellison Rd | SEE ATTACHED SHEET(S) |
| 070597 | 2 | 7099 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070598 | | TRIP BLANK (DATE: 3-23-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07

Date Reported: MAY 07 2007

Date Extracted: _____

Date Analyzed: 5-4-07

Reported By: Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44014
AA44015
AA44016

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070596

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ✓ |
| Trichloroethene | 2.0 µg/L | ✓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
*J* - *Tentative identification.*
D -Sample diluted. MDLs do not apply.

RECEIVED
TENTATIVELY IDENTIFIED COMPOUNDS
MAY 2007
Occupational & Environmental
Epidemiology

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070597

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NO YOUR COMPOUNDS IDENTIFIED

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070598
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | ↓ | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 3.9 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ↓ |
| Trichloroethene | 2.0 µg/L | ↓ | | | |
| | | | | | |
| | | | | | |

PQL - Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

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Occupational & Environmental

TRIP BLANK (DATE: 3-23-07)

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070590

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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

RECEIVED
MAY 2007
Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: JEREMY BARNES
Telephone # ( )
Address: 7088 AGATHA DR.
County:
Zip:

---

Report to: John Nanto
Telephone # (336) 641 4246
Address: 1203 Maple street 650, NC 27405

Collected By: Gene Mao
Telephone # ( ) 641-3589
Date Collected: 4/13/07
Analysis Desired:

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070590 | (1) | 7088 Agatha Drive | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 A
Date Extracted:

Date Reported: MAY 04 2007
Date Analyzed: 5-7-07 AA
Reported By: Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44009

√ 5.5°C

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070590

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
*trace – detected, but less than MDL MDL=Minimum Detection Limit*
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH NC 27611

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Occupational & Environmental Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595 TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070591

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

Please Read instructions about VOA vials contain 1:1 HCL

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

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MAY 2007
Occupational & Environmental Epidemiology Branch

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: JEFFREY WRIGHT

Telephone # ( - - ):

Address: 7090 AGATHA DR.
STOKESDALE Zip:

County: GUILFORD

Report to: JOHN NANTZ

Telephone # (336) 641-4746

Address: GU CO. HEALTH DEPT.
1203 MAPLE ST.
GSO 27405

Collected By: JOHN NANTZ

Telephone # (336) 641-4746

Date Collected: 4-13-07

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070591 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 JP

Date Reported: MAY 04 2007

Date Extracted:

Date Analyzed: 5-2-07 JP

Reported By: Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44010

(8°C) → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070591

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | 1.5 J |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | U |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | TRACE | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – *Practical Quantitation Limit*
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY
Occupational & Environ
Epidemiology Branc

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | √ |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | √ | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | √ |
| Trichloroethene | 2.0 µg/L | √ | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070592

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

Resample for VOCs in 4-6 months

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

N. C. Department of Health and Human Services
State Laboratory of Public Health
P.O.Box 28047, Raleigh, N.C. 27611

RECEIVED
MAY 2007
Occupational & Environmental Epidemiology Branch

## Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: CIMINO

Telephone # ( )

Address: 7093 AGATHA DR.

County: GUILFORD

STOKESDALE Zip:

**********

Report to: JOHN NANTZ

Collected By: JOHN NANTZ

Telephone # 336 641-4746

Telephone # 336 641-4746

Address: GUCO. HEALTH DEPT
1203 MAPLE ST.
GSO NC 27405

Date Collected: 4-13-07

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070592 | | | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received 4-16-07

Date Reported MAY 04 2007

Date Extracted

Date Analyzed 5-2-07

Reported By: Nancy J. Jones

AA44011

DHHS Form 2364 Revised (11-97)
Laboratory

→ Samples exceeded recommended

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070592

| COMPOUND | PQL | µg/L |
|---|---|---|
| Chloromethane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | " |
| Bromomethane | 2.0 µg/L | " |
| Chloroethane | 2.0 µg/L | " |
| Trichlorofluoromethane | 2.0 µg/L | " |
| 1,1-Dichloroethene | 2.0 µg/L | " |
| Acetone | 2.0 µg/L | " |
| Iodomethane | 2.0 µg/L | " |
| Carbon Disulfide | 2.0 µg/L | " |
| Methylene Chloride | 2.0 µg/L | " |
| Acrylonitrile | 2.0 µg/L | " |
| trans-1,2-Dichloroethene | 2.0 µg/L | " |
| Methyl-t-Butyl-Ether | 2.0 µg/L | TRACE |
| 1,1-Dichloroethane | 2.0 µg/L | U |
| Isopropyl Ether | 2.0 µg/L | " |
| cis-1,2-Dichloroethene | 2.0 µg/L | " |
| 2-Butanone | 2.0 µg/L | " |
| Tetrahydrofuran | 2.0 µg/L | 1.1 J |
| Chloroform | 2.0 µg/L | TRACE |
| 1,1,1-Trichloroethane | 2.0 µg/L | U |
| Carbon Tetrachloride | 2.0 µg/L | " |
| Benzene | 2.0 µg/L | " |
| 1,2-Dichloroethane | 2.0 µg/L | " |
| Trichloroethene | 2.0 µg/L | " |
| | | |
| | | |

| COMPOUND | PQL | µg/L |
|---|---|---|
| 1,2-Dichloropropane | 2.0 µg/L | U |
| Dibromomethane | 2.0 µg/L | " |
| Bromodichloromethane | 2.0 µg/L | " |
| cis-1,3-Dichloropropene | 2.0 µg/L | " |
| 4-Methyl-2-Pentanone | 2.0 µg/L | " |
| Toluene | 2.0 µg/L | " |
| trans-1,3-Dichloropropene | 2.0 µg/L | " |
| 1,1,2-Trichloroethane | 2.0 µg/L | " |
| Tetrachloroethene | 2.0 µg/L | TRACE |
| 2-Hexanone | 2.0 µg/L | U |
| Dibromochloromethane | 2.0 µg/L | " |
| Ethylene Dibromide | 2.0 µg/L | " |
| Chlorobenzene | 2.0 µg/L | " |
| 1,1,1,2-Tetrachloroethane | 2.0 µg/L | " |
| Ethyl Benzene | 2.0 µg/L | " |
| Xylenes | 2.0 µg/L | " |
| Styrene | 2.0 µg/L | " |
| Bromoform | 2.0 µg/L | " |
| 1,1,2,2-Tetrachloroethane | 2.0 µg/L | " |
| 1,2,3-Trichloropropane | 2.0 µg/L | " |
| 1,4-Dichlorobenzene | 2.0 µg/L | " |
| 1,2-Dichlorobenzene | 2.0 µg/L | " |
| 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | " |
| | | |
| | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

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MAY 2007
Occupational & Environmental Epidemiology Branch

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047, 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 07-593

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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

Please read instruction sheet.
VOA vials contain 1:1 HCl

# Environmental Sciences Analysis Report

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Name of Owner, Patient Or Supply: EDWARD WATTS
Telephone # ( )
Address: 7097 AGATHA DRIVE
STOKESDALE Zip:
County: GUILFORD

Report to: JOHN NANTZ
Telephone # 336 641-4746
Address: GUILFORD CO. HD
1203 MAPLE ST.
GSO 27405

Collected By: JOHN NANTZ
Telephone # 336 641-4746
Date Collected: 4-13-07
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070593 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED | SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 jp
Date Extracted:
Date Reported: MAY 04 2007
Date Analyzed: 5-2-07 jp
Reported By: Nancy J. Jones

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

AA44012

Sample exceeded recommended temperature

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047, 306 N. WILMINGTON ST., RALEIGH, NC 27611

RECEIVED
MAY 2007
Occupational & Environmental
Epidemiology Branch

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070593

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

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2007
Occupational & Environmental
Epidemiology Branch

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595 TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
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1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070584 070587
070585
070586

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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

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MAY
Occupational & Environmental Epidemiology

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: _____ Telephone # (___) _____

Address: _____ County: Guilford

Stokesdale Zip: NC 27357

Report to: John Nantz Collected By: Gene Mac

Telephone # (336 641-4746 Telephone # (___) 641-3584

Address: 1203 Maple St Date Collected: 4/13/07

Jsbo, NC 27405 Analysis Desired: _____

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Dr. | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 Date Reported: MAY 04 2007

Date Extracted: _____ Date Analyzed: 5-2-07

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44002
AA44003
AA44004
AA44005
10.0°C

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070584

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070585

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | ↓ |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | ↓ |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ↓ |
| Trichloroethene | 2.0 µg/L | ↓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070587

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | TRACE |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL - Practical Quantitation Limit
trace - detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

# DRINKING WATER HEALTH RISK EVALUATION
## GENERAL

DATE 5/15/07 COUNTY Guilford LABORATORY # 070590 070592 070591 070593

☑ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

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: JEREMY BARNES

Address: 7088 AGATHA DR.

Zip:

Telephone # ( )

County:

Report to: John Nantz

Telephone # (336) 641 4746

Address: 1203 Maple street
GSO, NC 27405

Collected By: Gene Mao

Telephone # ( ) 641-3589

Date Collected: 4/13/07

Analysis Desired:

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070550 | (1) | 7088 Agatha Drive | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070555 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
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| | | | |

Date Received: 4-16-07

Date Extracted:

Date Reported: MAY 04 2007

Date Analyzed: 5-7-07

Reported By: Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44009

√5.5°C

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:** JEFFREY WRIGHT
**Telephone # (____)**
**Address:** 7090 AZALEA DR.
STOKESDALE **Zip:**
**County:** GUILFORD

**Report to:** JOHN NANTZ
**Telephone #** 336 641-4746
**Address:** GU CO. HEALTH DEPT.
1203 MAPLE ST.
GSO 27405

**Collected By:** JOHN NANTZ
**Telephone #** 336 641-4746
**Date Collected:** 4-13-07
**Analysis Desired:** VOC

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070591 | | SEE ATTACHED SHEET(S) | |
| | | | |
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| | | | |
| | | | |
| | | | |
| 070592 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
| | | | |
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**Date Received:** 4-16-07 AP
**Date Extracted:**
**Date Reported:** MAY 04 2007
**Date Analyzed:** 5-2-07 AP
**Reported By:** Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44010

SC → Sample exceeded recommended temperature upon receipt.

N. C. Department of Health and Human Services
State Laboratory of Public Health
P.O.Box 28047, Raleigh, N.C. 27611

VOC

## Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: CIMINO

Telephone # (___)_____

Address: 7093 ACATHA DR
STOKESDALE Zip:_____

County: GUILFORD

**********

Report to: JOHN NANTZ

Telephone # 336 641-4746

Address: GUCO HEALTH DEPT.
1203 MAPLE ST.
GSO NC 27405

Collected By: JOHN NANTZ

Telephone # 336 641-4746

Date Collected: 4-13-07

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070592 | | | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received 4-16-07

Date Reported MAY 04 2007

Date Extracted_____

Date Analyzed 5-2-07

Reported By: Nancy J. Jones

AA44011

DHHS Form 2364 Revised (11-97)
Laboratory

→ Samples exceeded recommended temperature upon receipt.

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

Name of Owner, Patient Or Supply: [illegible]
Telephone # (____)
Address: [illegible]
County: GUILFORD
Zip:

Report to: JOHN NIMITZ
Telephone # (336) 641-4746
Address: GUILFORD CO HD
1203 MAPLE ST.
GSO 27405

Collected By: JOHN NIMITZ
Telephone # (336) 641-4746
Date Collected: 4-13-07
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070593 | | SEE ATTACHED SHEET(S) | |
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| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED | SHEET(S) |
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| | | | |
| | | | |

Date Received: 4-16-07
Date Extracted:
Date Reported: MAY 04 2007
Date Analyzed: 5-2-07
Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44012

8.0°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070590

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | V | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | V |
| Trichloroethene | 2.0 µg/L | V | | | |
| | | | | | |
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PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070591

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | 1.5 J |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | U |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | TRACE | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070592

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | V |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | V | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | TRACE | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | U | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | V | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 1.1 J | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | V |
| Trichloroethene | 2.0 µg/L | V | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070593

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | √ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

a:\nancy.frm (3/01)

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070597

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NO VOLATILE COMPOUNDS IDENTIFIED

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by**
**Gas Chromatography/Mass Spectrometry**

LABORATORY # 070598
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 3.9 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-23-07)

Guilford County
Department of Public Health

# FAX TRANSMITTAL FORM

DATE: 5/21/07

TO: Dr. Ken Rudo

AGENCY: Environmental Epidemiology

FAX #: (919) 870-4810 PHONE #: 707-5900


FROM: John C. Nantz, Jr.
Division of Environmental Health
1203 Maple Street
Greensboro, NC 27405
FAX #: (336) 641-4812 PHONE #: (336) 641-4746


NUMBER OF PAGES: 4 (does not include cover)

DESCRIPTION: Water Sample Results - Ellison Road

COMMENTS: Ken - Please send me Health Risk Evaluations for these results.

Thanks,

John Nantz


The information contained in this facsimile message is legally privileged and confidential information intended only for use of the individual named above.

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

Please Read instruction page
VOA vials contain 1:1 HCl

~~PETROLEUM PRODUCTS~~ VOC

# Environmental Sciences Analysis Report

**Name of Owner, Patient Or Supply:** _____ **Telephone # (____)** _____

**Address:** _____ **County:** Guilford

Stokesdale **Zip:** 27357

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**Report to:** John Nantz **Collected By:** Gene Mao

**Telephone #** (336) 641-4746 **Telephone #** (___) 641-3589

**Address:** 203 Maple Street **Date Collected:** 4/13/07

Ossipee, NC 27405 **Analysis Desired:** _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070596 | (1) | 7033 Ellison Rd | SEE ATTACHED SHEET(S) |
| ~~070597~~ | (2) | 7099 Ellison Rd | ~~SEE ATTACHED SHEET(S)~~ |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070598 | | TRIP BLANK (DATE: 3-23-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-16-07 **Date Reported:** MAY 07 2007

**Date Extracted:** _____ **Date Analyzed:** 5-4-07

**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44014
AA44015
AA44016

5°C → Sample exceeded recommended temperature

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry**

LABORATORY # 070596

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ✓ |
| Trichloroethene | 2.0 µg/L | ✓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NO VOLATILE COMPOUNDS IDENTIFIED

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070597

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NO VOLATILE COMPOUNDS IDENTIFIED

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry**

LABORATORY # 070598
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 3.9 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-23-07)

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

Please Read instruction sheet
VOA vials contain 1:1 HCL

~~PETROLEUM PRODUCTS~~
VOC

# Environmental Sciences Analysis Report

**Name of Owner, Patient Or Supply:** _____ **Telephone # (____)** _____

**Address:** _____ **County:** Guilford

Stokesdale **Zip:** 27357

---

**Report to:** John Nantz **Collected By:** Gene Mao

**Telephone #** (336) 641-4746 **Telephone #** (___) 641-3589

**Address:** 1203 Maple Street **Date Collected:** 4/13/07

Oso, NC 27405 **Analysis Desired:** _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070596 | ① | 7033 Ellisboro Rd | SEE ATTACHED SHEET(S) |
| 070597 | ② | 7099 Ellisboro Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070598 | | TRIP BLANK (DATE: 3-23-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-6-07 **Date Reported:** MAY 07 2007

**Date Extracted:** _____ **Date Analyzed:** 5-4-07

**Reported By:** Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44014
AA44015
AA44016

7.5°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070596

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

NO VOLATILE COMPOUNDS IDENTIFIED

**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

Please Read Instruction sheet
VOA vials contain 1:1 HCL

# Environmental Sciences Analysis Report

**Name of Owner, Patient Or Supply:** EDWARD WATTS
**Telephone # (____)**
**Address:** 7097 AGATHA DRIVE
**County:** GUILFORD
STOKESDALE **Zip:**

---

**Report to:** JOHN NANTZ
**Collected By:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Telephone #** (336) 641-4746
**Address:** GUILFORD CO. HD
1203 MAPLE ST.
GSO 27405
**Date Collected:** 4-13-07
**Analysis Desired:** VOC

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070593 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-16-07 JP
**Date Reported:** MAY 04 2007
**Date Extracted:**
**Date Analyzed:** 5-2-07 JP
**Reported By:** Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44012

8.0°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070593

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | V |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | V | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | V |
| Trichloroethene | 2.0 µg/L | V | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

**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

Please Read instruction sheet
VOA vials contain 1:1 HCL

# Environmental Sciences Analysis Report

**Name of Owner, Patient Or Supply:** LINDA PRINGEN
**Telephone # (____)**
**Address:** 7095 AGATHA DRIVE
SOKESDALE **Zip:**
**County:** GUILFORD

---

**Report to:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Address:** GuCo. HEALTH DEPT.
1203 MAPLE STREET
GSO NC 27405

**Collected By:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Date Collected:** 4-13-07
**Analysis Desired:** VOC

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070594 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
| | | | |
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| | | | |
| | | | |

**Date Received:** 4-16-07
**Date Extracted:**
**Date Reported:** MAY 04 2007
**Date Analyzed:** 5-2-07
**Reported By:** Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44013

8.8°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070594

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | 6.6 |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | √ |
| Trichloroethene | 2.0 µg/L | √ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by**
**Gas Chromatography/Mass Spectrometry**

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | V |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | V | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | V |
| Trichloroethene | 2.0 µg/L | V | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

Please Read instruction sheet.
VOA vials contain 1:1 HCL

# N. C. Department of Health and Human Services
## State Laboratory of Public Health
## P.O.Box 28047, Raleigh, N.C. 27611

VOC

## Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: CIMINO

Telephone # (___)_____

Address: 7093 ACATHA DR.
STOKESDALE Zip:_____

County: GUILFORD

**********

Report to: JOHN NANTZ

Collected By: JOHN NANTZ

Telephone # (336) 641-4746

Telephone # (336) 641-4746

Address: GUCO. HEALTH DEPT
1203 MAPLE ST.
GSO NC 27405

Date Collected: 4-13-07

Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070592 | | | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received 4-16-07

Date Reported MAY 04 2007

Date Extracted _____

Date Analyzed 5-2-07

Reported By: Nancy J. Jones

AA44011

DHHS Form 2364 Revised (11-97)
Laboratory

9.0°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry**

LABORATORY # 070592

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | TRACE | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | U | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 1.1 J | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | V |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | V | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | V |
| Trichloroethene | 2.0 µg/L | V | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

Please Read instruction sheet
40A vials contain 1:1 HCL

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:** JEFFREY WRIGHT
**Telephone # (____)**
**Address:** 7090 AGATHA DR.
STOKESDALE **Zip:**
**County:** GUILFORD

---

**Report to:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Address:** GU Co. HEALTH DEPT.
1203 MAPLE ST.
GSO 27405

**Collected By:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Date Collected:** 4-13-07
**Analysis Desired:** VOC

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070591 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-16-07 JP
**Date Extracted:**
**Date Reported:** MAY 04 2007
**Date Analyzed:** 5-2-07 JP
**Reported By:** Nancy S. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44010

8°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070591

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | 1.5J |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | U |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | TRACE | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

Please Read Instruction sheet
VOA vials contain 1:1 HCL

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:** JEREMY BARNES
**Address:** 7088 AGATHA DR.
**Zip:**
**Telephone # (____)**
**County:**

**Report to:** John Nantz
**Telephone #** (336) 641 4746
**Address:** 1203 Maple street 650, NC 27405

**Collected By:** Gene Mao
**Telephone #** (___) 641-3589
**Date Collected:** 4/13/07
**Analysis Desired:**

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070590 | (1) | off Agatha Drive | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
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| | | | |

**Date Received:** 4-16-07
**Date Extracted:**

MAY 04 2007
**Date Reported:**
**Date Analyzed:** 5-7-07
**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44009

✓5.5°C

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry**

LABORATORY # 070590

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
*Gas Chromatography/Mass Spectrometry*

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

TRIP BLANK (DATE: 3-30-07)

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

Please Read instruction sheet VOA vials contain 1:1 HCL

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:** FRED HITCHCOCK
**Telephone # (____)**
**Address:** 7091 AGATHA DR.
STOKESDALE **Zip:**
**County:** GUILFORD
~~CARBON~~ WATER SOFTENER TREATMENT

---

**Report to:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Address:** GuCo HEALTH DEPT.
1203 MAPLE ST
GSO 27405

**Collected By:** JOHN NANTZ
**Telephone #** (336) 641-4746
**Date Collected:** 4-13-07
**Analysis Desired:** VOC

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070589 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| 070595 | | TRIP BLANK (DATE: 3-30-07) SEE ATTACHED SHEET(S) | |
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| | | | |
| | | | |
| | | | |

**Date Received:** 4-16-07
**Date Extracted:**
**Date Reported:** MAY 04 2007
**Date Analyzed:** 5-2-07
**Reported By:** Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44007
AA44008
7.5°C → Sample exceeded recommended temperature upon receipt.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070589

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | 3.7 |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | TRACE | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | U | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by**
**Gas Chromatography/Mass Spectrometry**

LABORATORY # 070595
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.5 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit

TRIP BLANK (DATE: 3-30-07)

trace – detected, but less than MDL MDL=*Minimum Detection Limit*

C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
1/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

Please Read Instruction sheet
VOA Vials preserved 1:1 HCL

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:** _____ **Telephone # (____)** _____

**Address:** _____ **County:** Guilford

Stokesdale **Zip:** NC 27357

---

**Report to:** John Nantz **Collected By:** Gene Mao

**Telephone #** (336 641-4746 **Telephone #** (___) 641-3584

**Address:** 1203 Maple St. **Date Collected:** 4/13/07

Gso, NC 27405 **Analysis Desired:** _____

| *Laboratory Number* | *Sample #* | *Sample Description or Remarks* | *Results In* |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

**Date Received:** 4-16-07 **Date Reported:** MAY 04 2007

**Date Extracted:** _____ **Date Analyzed:** 5-2-07

**Reported By:** Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

✓ 6.0°C

AA44002
AA44003
AA44004
AA44005
AA44006

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry**

LABORATORY # 070584

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | ↓ |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | ↓ |
| Trichloroethene | 2.0 µg/L | ↓ | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=*Minimum Detection Limit*
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

**Purgeable Organic Compounds by**
**Gas Chromatography/Mass Spectrometry**

LABORATORY # 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | *trans-1,3-Dichloropropene* | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

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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: _____ Telephone # (___) _____

Address: _____ County: Guilford

Stokesdale Zip: NC 27357

Report to: John Nantz Collected By: Gene Mao

Telephone # (336 641-4746 Telephone # (___) 641-3584

Address: 1203 Maple st. Date Collected: 4/13/07

Gso, NC 27405 Analysis Desired: _____

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 070584 | (1) | 7098 Agatha Dr | SEE ATTACHED SHEET(S) |
| 070585 | (2) | 7096 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070586 | (3) | 9092 Agatha Drive | SEE ATTACHED SHEET(S) |
| 070587 | (4) | 7031 Ellison Rd | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |
| | | | |
| 070588 | | TRIP BLANK (DATE: 3-30-07) | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
| | | | |

Date Received: 4-16-07 Date Reported: MAY 04 2007

Date Extracted: _____ Date Analyzed: 5-2-07

Reported By: Nancy T. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

AA44002
AA44003
AA44004
AA44005
AA44006

6.0°C

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## Purgeable Organic Compounds by Gas Chromatography/Mass Spectrometry

LABORATORY # 070585

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | TRACE |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | U |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
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I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 070588
TRIP BLANK

| COMPOUND | PQL | µg/L | COMPOUND | PQL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 2.0 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 2.0 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 2.0 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 2.0 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 2.0 µg/L | |
| 1,1-Dichloroethene | 2.0 µg/L | | Toluene | 2.0 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 2.0 µg/L | |
| Iodomethane | 2.0 µg/L | | 1,1,2-Trichloroethane | 2.0 µg/L | |
| Carbon Disulfide | 2.0 µg/L | | Tetrachloroethene | 2.0 µg/L | |
| Methylene Chloride | 2.0 µg/L | | 2-Hexanone | 2.0 µg/L | |
| Acrylonitrile | 2.0 µg/L | | Dibromochloromethane | 2.0 µg/L | |
| trans-1,2-Dichloroethene | 2.0 µg/L | | Ethylene Dibromide | 2.0 µg/L | |
| Methyl-t-Butyl-Ether | 2.0 µg/L | | Chlorobenzene | 2.0 µg/L | |
| 1,1-Dichloroethane | 2.0 µg/L | | 1,1,1,2-Tetrachloroethane | 2.0 µg/L | |
| Isopropyl Ether | 2.0 µg/L | | Ethyl Benzene | 2.0 µg/L | |
| cis-1,2-Dichloroethene | 2.0 µg/L | | Xylenes | 2.0 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 2.0 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | 2.8 | Bromoform | 2.0 µg/L | |
| Chloroform | 2.0 µg/L | U | 1,1,2,2-Tetrachloroethane | 2.0 µg/L | |
| 1,1,1-Trichloroethane | 2.0 µg/L | | 1,2,3-Trichloropropane | 2.0 µg/L | |
| Carbon Tetrachloride | 2.0 µg/L | | 1,4-Dichlorobenzene | 2.0 µg/L | TRACE C |
| Benzene | 2.0 µg/L | | 1,2-Dichlorobenzene | 2.0 µg/L | U |
| 1,2-Dichloroethane | 2.0 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 2.0 µg/L | | | | |
| | | | | | |
| | | | | | |

PQL – Practical Quantitation Limit
trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 3-30-07)

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GUILFORD COUNTY DEPARTMENT OF PUBLIC HEALTH
Division of Environmental Health
201 S. Eugene St., P.O. Box 3508, Greensboro, NC 27401

# Record of Construction, Repair, or Abandonment of a Well

Address Of Well: 7091 Agatha Dr. Completion Date: 12-11-2000

Well Owner: Lon Preston Well Permit Number: 9704708

Well Contractor Company: Dependable Well Drilling

Total Well Depth: 170 ft. Well Yield: 15 gpm Static Water Level: 35 ft.

**Outer Casing** Material: PVC
Casing Diameter: 6 1/4 in. Casing Depth: 42 ft.

**Inner Casing** Material: _____
Casing Diameter: _____ in. Casing Depth: _____ ft.

**Grout**

| Depth | | Material | Method |
|---|---|---|---|
| From: 0 ft. | To: 3 ft. | Neat Grout | pour |
| From: 3 ft. | To: 30 ft. | Bentonite | pump |
| From: ____ ft. | To: ____ ft. | _____ | _____ |

**Formation Log**

| Depth | | Description |
|---|---|---|
| From: 0 ft. | To: 3 ft. | Topsoil |
| From: 3 ft. | To: 12 ft. | Clay |
| From: 12 ft. | To: 14 ft. | Sand Rock |
| From: 14 ft. | To: 170 ft. | Black Gray Granite |
| From: ____ ft. | To: ____ ft. | _____ |
| From: ____ ft. | To: ____ ft. | _____ |
| From: ____ ft. | To: ____ ft. | _____ |
| From: ____ ft. | To: ____ ft. | _____ |
| From: ____ ft. | To: ____ ft. | _____ |

**Water Production Zones**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Depth: | 85 ft. | 150 ft. | ____ ft. | ____ ft. | ____ ft. | ____ ft. | ____ ft. |
| Yield: | 10 gpm | 5 gpm | ____ gpm | ____ gpm | ____ gpm | ____ gpm | ____ gpm |

Method of Repair: _____

Method of Abandonment: _____

RECEIVED
JAN 12 2001
ENVIRONMENTAL HEALTH

I hereby certify that this well was constructed, repaired, or abandoned according to the Guilford County Well Rules in effect on this date and that a copy of this record has been provided to the well owner.

Well Contractor: Ronald Gleason State Number: 2500 Date: 12-11-2000

---

# Record of Pump Installation

Pump Installation Contractor: _____ State Registration Number: _____

Pump Depth: _____ ft. Static Water Level: _____ ft.

Pump Brand: _____ Pump Size and Rating: _____ hp _____ gpm

I hereby certify that this pump was installed and wellhead completed according to the Guilford County Well Rules in effect on this date and that a copy of this record has been provided to the well owner.

Pump Installer: _____ Date: _____

GUILFORD COUNTY DEPARTMENT OF PUBLIC HEALTH
Division of Environmental Health
201 S. Eugene St., P.O. Box 3508, Greensboro, NC 27401

## Record of Construction, Repair, or Abandonment of a Well

Address Of Well: 7091 Agatha Dr Completion Date: 2-14-01

Well Owner: RDP Properties Well Permit Number: _____

Well Contractor Company: _____

Total Well Depth: _____ ft. Well Yield: _____ gpm Static Water Level: _____ ft.

**Outer Casing** Material: _____
Casing Diameter: _____ in. Casing Depth: _____ ft.

**Inner Casing** Material: _____
Casing Diameter: _____ in. Casing Depth: _____ ft.

**Grout**

| Depth | Material | Method |
|---|---|---|
| From:____ft. To:____ft. | | |
| From:____ft. To:____ft. | | |
| From:____ft. To:____ft. | | |

**Formation Log**

| Depth | Description |
|---|---|
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |
| From:____ft. To:____ft. | |

**Water Production Zones**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Depth: | ____ ft. | ____ ft. | ____ ft. | ____ ft. | ____ ft. | ____ ft. | ____ ft. |
| Yield: | ____ gpm | ____ gpm | ____ gpm | ____ gpm | ____ gpm | ____ gpm | ____ gpm |

Method of Repair: _____

Method of Abandonment: _____

RECEIVED FEB 19 2001 ENVIRONMENTAL HEALTH

RECEIVED FEB 19 2001 ENVIRONMENTAL HEALTH

I hereby certify that this well was constructed, repaired, or abandoned according to the Guilford County Well Rules in effect on this date and that a copy of this record has been provided to the well owner.

Well Contractor: _____ State Number: _____ Date: _____

## Record of Pump Installation

Pump Installation Contractor: Jones Well & Pump Co Inc State Registration Number: 1248

Pump Depth: 120 ft. Static Water Level: 5 ft.

Pump Brand: Red Jacket Pump Size and Rating: ½ hp 10 gpm

I hereby certify that this pump was installed and wellhead completed according to the Guilford County Well Rules in effect on this date and that a copy of this record has been provided to the well owner.

Pump Installer: Randell Jones Date: 2-14-01

CC - 1038

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

DRINKING WATER HEALTH RISK EVALUATION
GENERAL

DATE 10/31/06 COUNTY Guilford LABORATORY # 061567

☐ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☐ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☒ The laboratory results are not conclusive, please resample. Immediately

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).

COMMENTS:

Please resample to verify ~~[illegible]~~ 1,2-dichloropropane level.

For further information, contact **Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.**

Please Read instruction sheet
VOA vials contain 1:1 HCL

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

PETROLEUM PRODUCTS

# Environmental Sciences Analysis Report

Name of Owner, Patient Or Supply: Frederick Hitchcock

Address: 7091 Agatha Dr.
Stokesdale Zip: 27357

Telephone # (336) 643-0725

County: Guilford

Report to: Carl Parsons

Telephone # (336) 641-6805

Address: 201 S. Eugene St
Greensboro, NC 27401

Collected By: Angela Wyatt

Telephone # (336) 641-6798

Date Collected: 10-11-06

Analysis Desired: petroleum

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| 061567 | | SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 061568 | | TRIP BLANK (DATE: 09-11-06) SEE ATTACHED SHEET(S) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Date Received: OCT 13 2006 WG

Date Extracted: 10-23-06

Date Reported: OCT 24 2006

Date Analyzed: PT/GC/MS 10-18-06 NJ 10-23-06

Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 061567

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | 2.6 |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 0.5 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 0.5 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 0.5 µg/L | |
| Chloroform | 0.5 µg/L | | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

a:\nancy.frm (3/01)

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 0601568
TRIP BLANK

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 0.5 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 0.5 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 0.5 µg/L | |
| Chloroform | 0.5 µg/L | | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 9-11-06)

a:\nancy.frm (3/01)

| Post-it® Fax Note 7671 | Date 3/1/07 | # of pages ▸ 1 |
|---|---|---|
| To John Mirkamp | From Dr. Ken Rudo | |
| Co./Dept. Guilford HD | Co. NC DPHT | |
| Phone # | Phone # 919 707 5911 | |
| Fax # 336641-3730 | Fax # | |

NORTH CAROLINA DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
OCCUPATIONAL AND ENVIRONMENTAL EPIDEMIOLOGY BRANCH

DRINKING WATER HEALTH RISK EVALUATION
GENERAL

7091 Agatha Dr.

DATE 2/28/07 COUNTY Guilford LABORATORY # 06/909

☐ Based on these analytical results, this water should be considered safe for normal usage.

☐ Chemical analysis did not show any contamination. Water should be resampled if odor or taste persists.

☑ The water should not be used for drinking or cooking purposes; avoid prolonged bathing/showering.

☐ Based on these analytical results, this water is highly contaminated and should not be used for drinking, cooking, or bathing/showering.

☐ The laboratory results are not conclusive, please resample.

PLEASE INDICATE ON LAB SHEET THAT IT IS A RESAMPLE AND PROVIDE PREVIOUS SAMPLE NUMBER(S).:

COMMENTS:

Continued consumption may pose an increased health risk over time.

Please keep bathing and shower time under 10 minutes

Elevated 1,2-dichloropropane levels detected.

For further information, contact Dr. Ken Rudo with the Occupational and Environmental Epidemiology Branch at (919) 707-5911.

Please Read instruction sheet
VOA vials contain 1:1 HCL

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

061909

Name of Owner, Patient Or Supply: Frederick Hitchcock
Telephone # (336) 643-0725
Address: 7091 Agatha Dr
Stokesdale Zip: 27357
County: Guilford

Report to: Carl Parsons
Telephone # 336 641-6805
Address: 201 S. Eugene St
Greensboro, NC 27401

Collected By: Angela Wyatt
Telephone # 336 641-6798
Date Collected: 12-27-06
Analysis Desired: VOC

| Laboratory Number | Sample # | Sample Description or Remarks | Results In |
|---|---|---|---|
| | | | SEE ATTACHED SHEET(S) |
| 061908 | | 1- VOA - 1 vial Broken on Receipt | |
| | | | |
| 061910 | | 1-TRIP BLANK 6/12/06 | |
| | | | SEE ATTACHED SHEET(S) |
| | | | |
| | | | |
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| | | | |

Date Received: 12/29/06 NB
Date Extracted:

Date Reported: JAN 04 2007
Date Analyzed: 1-2-07 ng
Reported By: Nancy J. Jones

DHHS Form 2364
Laboratory (Rev.06/99)
F_anlrpt

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 061909

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | 4.3 |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 0.5 µg/L | U |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 0.5 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | trace C |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 0.5 µg/L | U |
| Chloroform | 0.5 µg/L | | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace ~ detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background → see TRIP BLANK results
J - Estimated Value
K - Actual value is known to be less than value given.
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U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
J/ - Tentative Identification.
D -Sample diluted. MDLs do not apply.

DIVISION OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

Purgeable Organic Compounds by
Gas Chromatography/Mass Spectrometry

LABORATORY # 061910
TRIP BLANK

| COMPOUND | MDL | µg/L | COMPOUND | MDL | µg/L |
|---|---|---|---|---|---|
| Chloromethane | 2.0 µg/L | U | 1,2-Dichloropropane | 0.5 µg/L | U |
| Vinyl Chloride | 2.0 µg/L | | Dibromomethane | 0.5 µg/L | |
| Bromomethane | 2.0 µg/L | | Bromodichloromethane | 0.5 µg/L | |
| Chloroethane | 2.0 µg/L | | cis-1,3-Dichloropropene | 0.5 µg/L | |
| Trichlorofluoromethane | 2.0 µg/L | | 4-Methyl-2-Pentanone | 0.5 µg/L | |
| 1,1-Dichloroethene | 0.5 µg/L | | Toluene | 0.5 µg/L | |
| Acetone | 2.0 µg/L | | trans-1,3-Dichloropropene | 0.5 µg/L | |
| Iodomethane | 0.5 µg/L | | 1,1,2-Trichloroethane | 0.5 µg/L | |
| Carbon Disulfide | 0.5 µg/L | | Tetrachloroethene | 0.5 µg/L | |
| Methylene Chloride | 0.5 µg/L | | 2-Hexanone | 0.5 µg/L | |
| Acrylonitrile | 0.5 µg/L | | Dibromochloromethane | 0.5 µg/L | |
| trans-1,2-Dichloroethene | 0.5 µg/L | | Ethylene Dibromide | 0.5 µg/L | |
| Methyl-t-Butyl-Ether | 0.5 µg/L | | Chlorobenzene | 0.5 µg/L | |
| 1,1-Dichloroethane | 0.5 µg/L | | 1,1,1,2-Tetrachloroethane | 0.5 µg/L | |
| Isopropyl Ether | 0.5 µg/L | | Ethyl Benzene | 0.5 µg/L | trace |
| cis-1,2-Dichloroethene | 0.5 µg/L | | Xylenes | 0.5 µg/L | U |
| 2-Butanone | 2.0 µg/L | | Styrene | 0.5 µg/L | 3.5 |
| Tetrahydrofuran | 2.0 µg/L | | Bromoform | 0.5 µg/L | U |
| Chloroform | 0.5 µg/L | | 1,1,2,2-Tetrachloroethane | 0.5 µg/L | |
| 1,1,1-Trichloroethane | 0.5 µg/L | | 1,2,3-Trichloropropane | 0.5 µg/L | |
| Carbon Tetrachloride | 0.5 µg/L | | 1,4-Dichlorobenzene | 0.5 µg/L | |
| Benzene | 0.5 µg/L | | 1,2-Dichlorobenzene | 0.5 µg/L | |
| 1,2-Dichloroethane | 0.5 µg/L | | 1,2-Dibromo-3-Chloropropane | 2.0 µg/L | |
| Trichloroethene | 0.5 µg/L | | | | |
| | | | | | |
| | | | | | |

trace – detected, but less than MDL MDL=Minimum Detection Limit
C - Possible lab contamination or background
J - Estimated Value
K - Actual value is known to be less than value given.
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U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
I/ - Tentative Identification.
D -Sample diluted. MDLs do not apply.

TRIP BLANK (DATE: 6-12-06)

a:\nancy.frm (3/01)

Guilford County
Department of Public Health

201 S. Eugene St.
Greensboro, NC 27401

To: Dr Ken Rudo

From: John Nykamp

Fax Number: 919 870 4810

Phone Number: 336-641-4807

Fax Number: 336-641-3730

Date: 2/20/07

Total # of Pages: 3

Message/Comment: Please provide health risk assessment for sample # 61909 (4.3 ppb 1,2 Dichloropropane). Previous sample # 61567 was 2.6ppb.

Thank You

**Call the Guilford County Department of Public Health for:**

Children's Health Services
Flu Shots
Immunizations
International Travel Services
Health Education Needs
Medication Assistance Program
Water Sampling & Testing
Women's Health Services
Wellness Programs

Visit our web site:
www.co.guilford.nc.us/government/publichealth

**Department of Public Health Locations**

**Administration**
232 N. Edgeworth Street
Greensboro, NC 27401

**All Services**
501 E. Green Drive
High Point, NC 27260

**Child & Women's Health**
**Environmental Health**
1100 E. Wendover Avenue
Greensboro, NC 27405

**Health Promotion/**
**Disease Prevention**
301 N. Eugene Street
Greensboro, NC 27401

**Outpatient Clinic**
624 Quaker Lane, Suite 301-D
High Point, NC 27262

**Septic Tanks & Wells**
201 S. Eugene Street
Greensboro, NC 27401

**Call 641-7777 (Greensboro) or 845-7777 (High Point)**

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| | | | |
|---|---|---|---|
| 71. | Trans-1,2-dichloroethene | 0.100 mg/L (RREV)<br>0.07 mg/L (GWQS) | published 11/15/99<br>11/20/98 15A NCAC 2L |
| 72. | 1,2-dichloropropane | 0.00051 mg/L (RREV)<br>0.00056 mg/L (GWQS) | published 11/15/99<br>11/20/98 15A NCAC 2L |
| 73. | 1,3-dichloropropene (total cis and trans isomers) | 0.00035 mg/L (RREV)<br>0.00019 mg/L (RREV)<br>0.0002 mg/L (IMAC) | Recommended 2/04<br>Recommended 6/19/00<br>established 5/16/95 |
| 74. | Dieldrin | 0.0000022 mg/L (IMAC) | established 1/26/98 |
| 75. | Di(2-ethylhexyl)phthalate | 0.0025 mg/L (RREV)<br>0.003 mg/L (GWQS) | published 11/15/99<br>11/20/98 15A NCAC 2L |
| 76. | Diethylphthalate | 5.6 mg/L (RREV)<br>5.0 mg/L (GWQS) | Recommended 6/19/00<br>11/20/98 15A NCAC 2L |
| 77. | 2,4-dimethylphenol | 0.140 mg/L (IMAC) | established 10/14/98 |
| 78. | Dimethyl terephthalate | 0.7 mg/L (RIMAC) | Recommended 8/03/01 |
| 79. | Di-n-butyl phthalate | 0.700 mg/L (GWQS) | 11/20/98 15A NCAC 2L |
| 80. | Di-n-octyl phthalate | 0.140 mg/L (GWQS) | 11/20/98 15A NCAC 2L |
| 81. | p-dioxane (or 1,4-dioxane) | 0.00318 mg/L (RREV)<br>0.007 mg/L (GWQS) | published 11/15/99<br>11/20/98 15A NCAC 2L |
| 82. | | | |
| 83. | 1,1-diphenyl | 0.350 mg/L (IMAC) | established 8/17/94 |
| 84. | Dissolved solids (total) | 500 mg/L (GWQS) (taste) | 11/20/98 15A NCAC 2L |
| 85. | Disulfoton | 0.00028 mg/L (IMAC) | established 1/26/98 |
| 86. | Diundecyl phthalate | 0.140 mg/L (GWQS) | 11/20/98 15A NCAC 2L |
| 87. | Endosulfan II (beta-endosulfan) | 0.042 mg/L (IMAC) | established 1/26/98 |
| 88. | Endrin, endrin aldehyde, and endrin ketone (total) | 0.002 mg/L (IMAC) | established 1/26/98 |
| 89. | Epichlorohydrin (1-chlor-2,3-epoxypropane) | 0.00353 mg/L (RREV)<br>0.00354 mg/L (GWQS) | Recommended 6/19/00<br>11/20/98 15A NCAC 2L |
| 90. | Ethyl acetate | 2.6 mg/L (IMAC) (odor) | established 5/24/99 |
| 91. | Ethylbenzene | 0.550 mg/L (RREV) (odor)<br>0.7 mg/L (RREV)<br>0.029 mg/L (GWQS) | Recommended 6/19/00<br>Published 11/15/99<br>11/20/98 15A NCAC 2L |
| 92. | Ethylene dibromide (EDB) (1,2-dibromoethane) | 0.00000040 mg/L (GWQS) | 11/20/98 15A NCAC 2L |
| 93. | Ethylene glycol | 14.0 mg/L (RREV)<br>7.0 mg/L (GWQS) | Published 11/15/99<br>11/20/98 15A NCAC 2L |
| 94. | Fenvalerate (or pydrin) | 0.175 mg/L (RIMAC) | recommended 6/14/99 |
| 95. | Fluoranthene | 0.280 mg/L (IMAC) | established 5/16/95 |
| 96. | Fluorene | 0.280 mg/L (GWQS) | 11/20/98 15A NCAC 2L |
| 97. | Fluoride | 1.0 mg/L (RREV)<br>2.0 mg/L (GWQS) | Published 11/15/99<br>11/20/98 15A NCAC 2L |
| 98. | Foaming agents | 0.500 mg/L (GWQS) (taste) | 11/20/98 15A NCAC 2L |
| 99. | Formaldehyde | 0.6 mg/L (RIMAC) (odor) | Recommended 8/03/01 |
| 100. | Heptachlor | 0.0000078 mg/L (RREV)<br>0.000008 mg/L (GWQS) | Published 11/15/99<br>11/20/98 15A NCAC 2L |
| 101. | heptachlor epoxide | 0.0000038 mg/L (RREV)<br>0.000004 mg/L (GWQS) | Published 11/15/99<br>11/20/98 15A NCAC 2L |
| 102. | Heptane | 0.420 mg/L (RREV)<br>2.1 mg/L (GWQS) | Published 11/15/99<br>11/20/98 15A NCAC 2L |
| 103. | Hexachlorobenzene (perchlorobenzene) | 0.000021 mg/L (RREV)<br>0.00002 mg/L (GWQS) | Recommended 6/19/00<br>11/20/98 15A NCAC 2L |
| 104. | Hexachlorobutadiene | 0.00044 mg/L (IMAC) | established 5/24/99 |
| 105. | Hexachlorocyclohexane (total) technical-grade (alpha, beta, delta, gamma, and epsilon) | 0.000019 mg/L (IMAC) | established 1/26/98 |
| 106. | Hexachloroethane | 0.0025 mg/L (RIMAC) | Recommended 8/3/00 |
| 107. | n-hexane | 0.420 mg/L (GWQS) | 11/20/98 15A NCAC 2L |
| 108. | 2-hexanone | 0.280 mg/L (IMAC) | established 5/24/99 |
| 109. | Imidacloprid | 0.399 mg/L (RIMAC) | recommended 5/18/99 |
| 110. | indeno(1,2,3-cd)pyrene | 0.0000479 mg/L (RREV)<br>0.000047 mg/L (IMAC) | Recommended 6/19/00<br>established 1/26/98 |
| 111. | Iron | 0.300 mg/L (GWQS) (taste) | 11/20/98 15A NCAC 2L |
| 112. | Isophorone | 0.0368 mg/L (IMAC) | established 1/26/98 |

7095 Agatha

Simmons 10/31/97

41'

465 2 gpm

@ 100, 400'

---

7093 7/17/00

Built Rite

420 1gpm

50'

water @ 380'

______________________________ Name

__________________ Exam Form

__________________ Date

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | A | B | C | D | E | 16. | A | B | C | D | E |
| 2. | A | B | C | D | E | 17. | A | B | C | D | E |
| 3. | A | B | C | D | E | 18. | A | B | C | D | E |
| 4. | A | B | C | D | E | 19. | A | B | C | D | E |
| 5. | A | B | C | D | E | 20. | A | B | C | D | E |
| 6. | A | B | C | D | E | 21. | A | B | C | D | E |
| 7. | A | B | C | D | E | 22. | A | B | C | D | E |
| 8. | A | B | C | D | E | 23. | A | B | C | D | E |
| 9. | A | B | C | D | E | 24. | A | B | C | D | E |
| 10. | A | B | C | D | E | 25. | A | B | C | D | E |
| 11. | A | B | C | D | E | 26. | A | B | C | D | E |
| 12. | A | B | C | D | E | 27. | A | B | C | D | E |
| 13. | A | B | C | D | E | 28. | A | B | C | D | E |
| 14. | A | B | C | D | E | 29. | A | B | C | D | E |
| 15. | A | B | C | D | E | 30. | A | B | C | D | E |

The affiant, comes forth and says that:

I, ____________________ , acknowledge receipt of a copy of Guilford County Well Rules, affirm that the answers on this exam are my own, and agree to adhere to Guilford County Well Rules while performing pump installer activities in Guilford County.

This the ________ day of _______________________, 200__

______________________________________
Signature