Fac/Perm/Co ID #	Date	Doc ID#
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STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

SOLID WASTE SECTION
DEC 1 0 1992

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Mike Linens

Address: 3636 Swep. - Sax. Rd.
Graham, N.C. ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: Alamance County Health Dept.
209 N. Gra.-Hopedale Rd.
Burlington, NC ZIP 27217-2971

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 11:10 AM PM

Location of Sampling Point: FRONT outside spigot

Remarks:

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
( ) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (✓) Both
( ) Optional Parameters

Regular Parameters	Results	
pH	7.0	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	<0.05	mg/l
Manganese	<0.05	mg/l
Copper	<0.05	mg/l
Zinc	<0.05	mg/l
Calcium	8.67	mg/l
Magnesium	7.38	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	52	mg/l
Alkalinity-$CaCO_3$	66	mg/l
Chloride	<5	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	0.08
Cadmium	<0.005
Mercury	<0.0002
Total Dissolved Solids	96
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number 013777 NOV 13 92

DHS Form - 1441 Rev. 3/89
Laboratory

FILE

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 — 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: E. Williamson

Address: 3363 Sweps.-Sax. Rd.

Graham, NC ZIP 27253

County: Alamance 578-5147

Report To: Carl Carroll

Address: Alamance County Health Dept.

209 N. Gra.-Hopedale Rd.

Burlington, NC ZIP 27217-2971

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 10:35 (AM) PM

Location of Sampling Point: Spigot on Right side of House

Remarks:

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
( ) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (X) Both
( ) Optional Parameters

Regular Parameters	Results	
pH	6.6	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	<0.03	mg/l
Manganese	<0.03	mg/l
Copper	0.19	mg/l
Zinc	<0.05	mg/l
Calcium	3.87	mg/l
Magnesium	1.58	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	16	mg/l
Alkalinity-$CaCO_3$	28	mg/l
Chloride	<5	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	<0.04
Cadmium	<0.005
Mercury	<0.0002
Total Dissolved Solids	80
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number 018778 NOV 13 92

DHS Form - 1441 Rev. 3/89

FILE

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Thomas W. Williamson

Address: 3708 Swep-Sax. Rd.

Graham, NC ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: 209 N. Gra.-Hopedale Rd.

Burlington, NC 27217-2971

ZIP

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 11:20 AM PM

Location of Sampling Point: Outside Back Spigot

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
( ) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (✓) Both
( ) Optional Parameters

Remarks:

Regular Parameters	Results	
pH	7.0	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	0.20	mg/l
Manganese	<0.03	mg/l
Copper	<0.05	mg/l
Zinc	<0.05	mg/l
Calcium	10.22	mg/l
Magnesium	5.84	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	49	mg/l
Alkalinity-$CaCO_3$	66	mg/l
Chloride	<5	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	<0.04
Cadmium	<0.005
Chromium	<0.01
Mercury	<0.0002
Total Dissolved Solids	104
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number 018779 NOV 13 92

DHS Form - 1441 Rev. 3/89
Laboratory

FILE

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Eliud Hebblethwaite

Address: 3410 Sweps.-Sax. Rd.
Graham, NC ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: Alamance County Health Dept.
209 N. Gra.-Hopedale Rd.
Burlington, NC ZIP 27217-2971

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 10:50 (AM) PM

Location of Sampling Point: Spigot AT Back outside

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
( ) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (✓) Both
( ) Optional Parameters

Remarks: BORED OR HAND dug WELL NOT PROPERLY PROTECTED

Regular Parameters	Results	
pH	6.6	units
Arsenic	<0.01	mg/l
Lead	0.016 ~~<0.005~~	mg/l
Iron	0.22	mg/l
Manganese	<0.03	mg/l
Copper	0.50	mg/l
Zinc	0.28	mg/l
Calcium	5.30	mg/l
Magnesium	1.52	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	19	mg/l
Alkalinity-$CaCO_3$	26	mg/l
Chloride	9	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	0.08
Cadmium	<0.005
Chromium	<0.01
Mercury	<0.0002
Total Dissolved Solids	68

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number 018781 NOV 13 92

DHS Form - 1441 Rev. 3/89
Laboratory

FILE

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Steven Wall

Address: 3538 Sweps. - Sax. Rd.

Graham, N.C. ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: Alamance County Health Dept.

209 N. Gra.-Hopedale Rd.

Burlington, NC ZIP 27217-2971

Collected By: Ernest Perry

Date Collected: 11-5-92 Time: 11:00 AM PM

Location of Sampling Point: Spigot outside Back

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
( ) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (✓) Both
( ) Optional Parameters

Remarks:

Regular Parameters	Results	
pH	6.6	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	<0.05	mg/l
Manganese	<0.03	mg/l
Copper	<0.05	mg/l
Zinc	<0.05	mg/l
Calcium	6.53	mg/l
Magnesium	3.66	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	31	mg/l
Alkalinity-$CaCO_3$	28	mg/l
Chloride	8	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	0.06
Cadmium	<0.005
Chromium	<0.01
Mercury	<0.0002
Total Dissolved Solids	84
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number 013780 NOV 1392

DHS Form - 1441 Rev. 3/89

FILE

Laboratory

Alamance County Health Department
Graham-Hopedale Road
Burlington, N.C. 27215
(Telephone: 227-0101)

SOLID WASTE SECTION
DEC 17 1992

TO: Bobby Lutfy

FROM: Ernest Perry

SUBJECT: Water samples near landfill

DATE: July 7, 1992

Attached are the lab reports of water samples taken from private wells around and down gradient from the landfill. Please review and advise the ground water implications for this area.

cc: Alvin Cagle
Landfill Manager

N.C. Dept. of Environment, Health and Natural Resources
Division of Laboratory Services
State Laboratory of Public Health
P.O. Box 28047, Raleigh, N.C. 27611

RECEIVED DEC 2 1992 ACHD

VOC

Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: Eliud Hebblethwaite

Address: 3410 Sweps.-Sax. Rd., Graham, NC

County: Alamance

Please [illegible] instructions sheet VOA vials [illegible] in 1:1 HCl

Report To: Carl Carroll

Address: ENVIRONMENTAL HEALTH SECTION
~~ALAMANCE COUNTY HEALTH DEPARTMENT~~
209 N. GRAHAM-HOPEDALE ROAD
~~BURLINGTON, N. C. 27217-2971~~

Date Collected: 11-5-92

Collected By: ERNEST PERRY

Analysis Desired: 502.2 Methodogy

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
S23733	3	Sample	SEE ATTACHED SHEET(S)
S23733		Blank	NO VOLATILE COMPOUNDS IDENTIFIED

Date Received 11-5-92 AA

Date Reported 11-27-92

Date Extracted

Date Analyzed VOC 11/13/92 JPM

Reported By: John L. Neal

DEHNR Form 2364 Revised (9-89)
Laboratory

N. C. DEPARTMENT OF ENVIRONMENT, HEALTH, & NATURAL RESOURCES
DIVISION OF LABORATORY SERVICES, ENVIRONMENTAL SCIENCES SECTION
P.O. BOX 28047 - 306 N. WILMINGTON ST, RALEIGH, N.C. 27611

Laboratory No. 923738 PURGEABLE COMPOUNDS Date of Analysis 11/13/92

COMPOUND	µg/l
Dichlorodifluoromethane	U
Chloromethane	
✓Vinyl Chloride	
Bromomethane	
Chloroethane	
Trichlorofluoromethane	
✓1,1-Dichloroethylene	
Methylene Chloride	
tert-Butyl Methyl Ether	
✓trans-1,2-Dichloroethylene	
Isopropyl ether	
1,1-Dichloroethane	
2,2-Dichloropropane	
✓cis-1,2-Dichloroethylene	
Chloroform	
(BCM) Bromochloromethane	
✓1,1,1-Trichloroethane	
1,1-Dichloropropene	
✓Carbon Tetrachloride	
✓Benzene	
✓1,2-Dichloroethane	
✓Trichloroethylene	
✓1,2-Dichloropropane	
Bromodichloromethane	
Dibromomethane	
✓Toluene	
1,1,2-Trichloroethane	
✓Tetrachloroethylene	trace
1,3-Dichloropropane	U
Dibromochloromethane	
1,2-Dibromoethane (EDB)	
1-Chlorohexane	

COMPOUND	µg/l
✓Chlorobenzene	U
✓Ethylbenzene	
1,1,1,2-Tetrachloroethane	
✓p-Xylene	
✓m-Xylene	
✓o-Xylene	
✓Styrene	
Bromoform	
Isopropylbenzene	
1,1,2,2-Tetrachloroethane	
Bromobenzene	
n-Propylbenzene	
1,2,3-Trichloropropane	
2-Chlorotoluene	
1,3,5-Trimethylbenzene	
4-Chlorotoluene	
tert-Butyl Benzene	
Pentachloroethane	
1,2,4-Trimethylbenzene	
sec-Butyl Benzene	
p-Isopropyltoluene	
1,3-Dichlorobenzene	
✓1,4-Dichlorobenzene	
n-Butylbenzene	
✓1,2-Dichlorobenzene	
Bis (2-Chloroisopropyl) Ether	
1,2-Dibromo-3-Chloropropane	
1,2,4-Trichlorobenzene	
Hexachlorobutadiene	
Naphthalene	
1,2,3-Trichlorobenzene	

COMMENTS: Unidentified peaks present

MDL - Minimum Detection Limit for water (EPA Method 502.2), is 1.0 µg/l.

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.
NA - Not analyzed.
1/ - Tentative identification.
✓ - Regulated VOC
T - Trihalomethane

N.C. Dept. of Environment, Health, & Natural Resources
DEHNR 3068-O (Rev. 10/92 Laboratory Services)
#1532E D-18

N.C. Dept. of Environment, Health and Natural Resources
Division of Laboratory Services
State Laboratory of Public Health
P.O. Box 28047, Raleigh, N.C. 27611

RECEIVED DEC 2 1992 ACHD

Environmental Sciences Analysis Report

VOC

Please Read instruction sheet
VOA vials contain 1:1 HCL

Name of Owner, Patient or Supply: Mike Linens

Address: 3636 Swep.-Sax. Rd., Graham, NC

County: Alamance

Report To: Carl Carroll

Address: ENVIRONMENTAL HEALTH SECTION
~~ALAMANCE COUNTY HEALTH DEPARTMENT~~
209 N. GRAHAM-HOPEDALE ROAD
~~BURLINGTON~~, N. C. 27217-2971

Date Collected: 11-5-92

Collected By: ERNEST PERRY

Analysis Desired: 502.2 Methodogy

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
523742	8	Sample	NO VOLATILE COMPOUNDS IDENTIFIED
523743		Blank	NO VOLATILE COMPOUNDS IDENTIFIED

Date Received 11-5-92 AA

Date Extracted

Date Reported 11-27-92

Date Analyzed VOC 11/6/92 JPM

Reported By: John L. Neal

DEHNR Form 2364 Revised (9-89)
Laboratory

N.C. Dept. of Environment, Health and Natural Resources
Division of Laboratory Services
State Laboratory of Public Health
P.O. Box 28047, Raleigh, N.C. 27611

RECEIVED
2 1992
ACHD

Environmental Sciences Analysis Report

VOC

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

Name of Owner, Patient or Supply: Elmer Williamson

Address: 3363 Sweps-Sax Rd., Graham, NC

County: Alamance

Report To: Carl Carroll

Address: ENVIRONMENTAL HEALTH SECTION
~~ALAMANCE COUNTY HEALTH DEPARTMENT~~
209 N. GRAHAM-HOPEDALE ROAD
~~BURLINGTON, N. C. 27217-2971~~

Date Collected: 11-5-92

Collected By: ERNEST PERRY

Analysis Desired: 502.2 Methodogy

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
S23736	1	Sample	NO VOLATILE COMPOUNDS IDENTIFIED
S23737		Blank	NO VOLATILE COMPOUNDS IDENTIFIED

Date Received 11-5-92 AA

Date Reported 11-27-92

Date Extracted

Date Analyzed VOC 11/13/92 PM

Reported By: John R. Neal

DEHNR Form 2364 Revised (9-89)
Laboratory

N.C. Dept. of Environment, Health and Natural Resources
Division of Laboratory Services
State Laboratory of Public Health
P.O. Box 28047, Raleigh, N.C. 27611

RECEIVED
2 1992
ACHD

VOC

Please read instruction sheet
VOA vials contain 1:1 HCL

Environmental Sciences Analysis Report

Name of Owner, Patient or Supply: Thomas W. Williamson

Address: 3708 Swep.-Sax. Rd., Graham, NC

County: Alamance

Report To: Carl Carroll

Address: ENVIRONMENTAL HEALTH SECTION
~~ALAMANCE COUNTY HEALTH DEPARTMENT~~
209 N. GRAHAM-HOPEDALE ROAD
~~BURLINGTON, N. C. 27217-2971~~

Date Collected: 11-5-92

Collected By: ERNEST PERRY

Analysis Desired: 502.2 Methodogy

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
S23744	10	Sample	NO VOLATILE COMPOUNDS IDENTIFIED
S23745		Blank	NO VOLATILE COMPOUNDS IDENTIFIED

Date Received 11-5-92 AA

Date Reported 11-27-92

Date Extracted

Date Analyzed VOC 11/16/92 JPM

Reported By: James L. Neal

DEHNR Form 2364 Revised (9-89)
Laboratory

N.C. Dept. of Environment, Health and Natural Resources
Division of Laboratory Services
State Laboratory of Public Health
P.O. Box 28047, Raleigh, N.C. 27611

RECEIVED 2 1992

Environmental Sciences Analysis Report

VOC

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

Name of Owner, Patient or Supply: Steven Wall

Address: 3538 Sweps-Sax. Rd., Graham, NC

County: Alamance

Report To: Carl Carroll

Address: ENVIRONMENTAL HEALTH SECTION
~~ALAMANCE COUNTY HEALTH DEPARTMENT~~
209 N. GRAHAM-HOPEDALE ROAD
~~BURLINGTON, N. C. 27217-2971~~

Date Collected: 11-5-92

Collected By: ERNEST PERRY

Analysis Desired: 502.2 Methodogy

Laboratory Number	Sample Number	Sample Description or Remarks	Results In
S23740	6	Sample	NO VOLATILE COMPOUNDS IDENTIFIED
S23741		Blank	NO VOLATILE COMPOUNDS IDENTIFIED

Date Received 11-5-92 AA

Date Reported 11-27-92

Date Extracted

Date Analyzed VOC 11/16/92 JDM

Reported By: John R. Neal

DEHNR Form 2364 Revised (9-89)
Laboratory

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Mike Linens

Address: 3636 Swep. - Sax. Rd.

Graham, N.C. ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: Alamance County Health Dept.

209 N. Gra.-Hopedale Rd.

Burlington, NC ZIP 27217-2971

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 11:10 AM PM

Location of Sampling Point: FRONT outside spigot

Source of Water:
(✓) Ground
( ) Surface
( ) Both
( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw
( ) Treated

Type of Treatment:
(✓) None
( ) Chlorinated
( ) Fluoridated
( ) Filtered
( ) Alum
( ) Lime
( ) Soda Ash
( ) Polyphosphate
( ) Water Softener
( ) Other

Type of Analysis Desired:
( ) Regular Parameters
( ) Optional Parameters
(✓) Both

Remarks:

Regular Parameters	Results	
pH	7.0	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	<0.05	mg/l
Manganese	<0.03	mg/l
Copper	<0.05	mg/l
Zinc	<0.05	mg/l
Calcium	8.67	mg/l
Magnesium	7.38	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	52	mg/l
Alkalinity-$CaCO_3$	66	mg/l
Chloride	<5	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	0.08
Cadmium	<0.005
Mercury	<0.0002
Total Dissolved Solids	316
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number _____

DHS Form - 1441 3/89

HEALTH DEPARTMENT

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: E. Williamson

Address: 3363 Sweps.-Sax. Rd.

Graham, NC ZIP 27253

County: Alamance 578-5147

Report To: Carl Carroll

Address: Alamance County Health Dept.

209 N. Gra.-Hopedale Rd.

Burlington, NC ZIP 27217-2971

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 10:35 AM PM

Location of Sampling Point: Spigot on Right side of House

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
( ) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (X) Both
( ) Optional Parameters

Remarks:

Regular Parameters	Results	
pH	6.6	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	<0.03	mg/l
Manganese	<0.03	mg/l
Copper	0.19	mg/l
Zinc	<0.05	mg/l
Calcium	3.87	mg/l
Magnesium	1.58	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	[illegible]	mg/l
Alkalinity-$CaCO_3$	23	mg/l
Chloride	<5	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	<0.07
Cadmium	<0.005
Mercury	<0.0002
Total Dissolved Solids	360
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number _____

DHS Form - 1441 R 3/89
Laboratory

HEALTH DEPARTMENT

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Thomas W. Williamson

Address: 3708 Swep-Sax. Rd.

Graham, NC ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: 209 N. Gra.-Hopedale Rd.

Burlington, NC 27217-2971

ZIP

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 11:20 AM PM

Location of Sampling Point: Outside Bank spigot

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
(✓) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (✓) Both
( ) Optional Parameters

Remarks:

Regular Parameters	Results	
pH	7.0	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	0.20	mg/l
Manganese	<0.03	mg/l
Copper	<0.03	mg/l
Zinc	<0.05	mg/l
Calcium	10.22	mg/l
Magnesium	5.84	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	49	mg/l
Alkalinity-$CaCO_3$	66	mg/l
Chloride	<5	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	<0.04
Cadmium	<0.005
Chromium	<0.01
Mercury	<0.0002
Total Dissolved Solids	107
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number _____

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HEALTH DEPARTMENT

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Steven Wall

Address: 3538 Sweps. - Sax. Rd.

Graham, N.C. ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: Alamance County Health Dept.

209 N. Gra.-Hopedale Rd.

Burlington, NCd ZIP 27217-2971

Collected By: Ernest Perry

Date Collected: 11-5-92 Time: 11:00 AM PM

Location of Sampling Point: Spigot outside Back

Remarks:

Source of Water:
(✓) Ground ( ) Both
( ) Surface ( ) Purchased

Source of Sample:
(✓) House Tap
( ) Well Tap

Type of Sample:
(✓) Raw ( ) Treated

Type of Treatment:
(✓) None ( ) Lime
( ) Chlorinated ( ) Soda Ash
( ) Fluoridated ( ) Polyphosphate
(✓) Filtered ( ) Water Softener
( ) Alum ( ) Other

Type of Analysis Desired:
( ) Regular Parameters (✓) Both
( ) Optional Parameters

Regular Parameters	Results	
pH	6.6	units
Arsenic	<0.01	mg/l
Lead	<0.005	mg/l
Iron	<0.05	mg/l
Manganese	<0.03	mg/l
Copper	<0.05	mg/l
Zinc	<0.05	mg/l
Calcium	6.53	mg/l
Magnesium	3.66	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	31	mg/l
Alkalinity-$CaCO_3$	24	mg/l
Chloride	8	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	0.06
Cadmium	<0.005
Chromium	<0.01
Mercury	<0.0002
Total Dissolved Solids	34
Maganese	

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number _____

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HEALTH DEPARTMENT

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES
N. C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 – 306 N. WILMINGTON ST., RALEIGH 27611

INORGANIC CHEMICAL ANALYSES-PRIVATE WATER SYSTEM

Complete All Items Above Heavy Line
(See Instructions on Reverse Side)

Name of System: Eliud Hebblethwaite

Address: 3410 Sweps.-Sax. Rd.
Graham, NC ZIP 27253

County: Alamance

Report To: Carl Carroll

Address: Alamance County Health Dept.
209 N. Gra.-Hopedale Rd.
Burlington, NC ZIP 27217-2971

Collected By: ERNEST PERRY

Date Collected: 11-5-92 Time: 10:50 (AM) PM

Location of Sampling Point: SPIGOT AT BACK OUTSIDE

Source of Water: (✓) Ground ( ) Surface ( ) Both ( ) Purchased

Source of Sample: (✓) House Tap ( ) Well Tap

Type of Sample: (✓) Raw ( ) Treated

Type of Treatment: (✓) None ( ) Chlorinated ( ) Fluoridated ( ) Filtered ( ) Alum ( ) Lime ( ) Soda Ash ( ) Polyphosphate ( ) Water Softener ( ) Other

Type of Analysis Desired: ( ) Regular Parameters ( ) Optional Parameters ( ) Both

Remarks: BORED OR HAND dug WELL NOT PROPERLY PROTECTED

Regular Parameters	Results	
pH	6.6	units
Arsenic	<0.01	mg/l
Lead	0.016 ~~<0.005~~	mg/l
Iron	0.22	mg/l
Manganese	<0.03	mg/l
Copper	0.50	mg/l
Zinc	0.28	mg/l
Calcium	5.30	mg/l
Magnesium	1.52	mg/l
Hardness-$CaCO_3$ (Ca, Mg)	19	mg/l
Alkalinity-$CaCO_3$	26	mg/l
Chloride	9	mg/l
Fluoride	<0.10	mg/l

Optional Parameters (List as needed)	Results
Barium	0.08
Cadmium	<0.005
Chromium	<0.01
Mercury	<0.0002
Total Dissolved Solids	68

Date Received _____ Date Reported _____ Reported By _____

Date Analyzed _____ Laboratory Number _____

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Laboratory

HEALTH DEPARTMENT