GB

AP- 323863
$950.00

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Process for Drinking Water Analysis

City Water, Springs, Surface Water or Public/Community water systems serving more than 14 homes/25+ people cannot be sampled by Environmental Health. If you are served by the city or a community water system, you should contact the respective office and request a copy of their most recent testing results.

Environmental Health does not have an in-house lab that can analyze water samples. Sampling containers and kits are purchased from the North Carolina State Lab. Water samples taken are sent by state Courier to the State Lab located in Raleigh for analysis. Currently it is taking approximately two (2) weeks to get written Bacteriological test results and three (3) to four (4) weeks to get Inorganic test results back. Due to the state Courier pick-up and delivery schedule, the EH staff only collect samples on Monday – Wednesday of each week as needed.

We DO NOT perform free water testing even if requested by a dentist or doctor.

You may come into one of the ICHD-EH offices to apply and pay for whichever sample you want to have done. You may also complete this form and mail it with your payment, payable to IREDELL COUNTY HEALTH DEPT. to the appropriate office address. Current pricing is:

$200.00 Bacteria
$250.00 **each** – Inorganic, Fluoride, Petroleum/VOC, Nitrate/Nitrite, Coal Ash, Hexavalent Chromium
$250.00 Pesticide—You must indicate the SPECIFIC pesticide you want the water tested for
** *Not the brand name, like ROUNDUP or SPECTRACIDE***

ICHD-Environmental Health
610 E. Center Avenue
Mooresville, NC 28115
704-660-3625
(Located on 2nd floor)

ICHD-Environmental Health CENTRAL
Building Standards Center
349 N. Center Street
Statesville, NC 28677
704-878-5305 x3456

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Application for Drinking Water Analysis

Date	PAID
Amount	
Received By	

NAME: Wendy Arnone PHONE: 262-349-3932
MAILING ADDRESS: 325 Doolie Rd, Mooresville EMAIL: warnone@hotmail.com
LOCATION ADDRESS: 325 Doolie Rd, Mooresville, NC 28117

TYPE OF ANALYSIS REQUESTED: Bacteria X Fluoride ____ Inorganic Chemistry X
Petroleum/VOC ____ Nitrate/Nitrite X Coal Ash X Hexavalent Chromium X
Pesticide – specify chemical ____ Other (specify): ____

Is power on at the well? X YES ___ NO Where do you want the sample taken from? well (well or kitchen faucet)
Are there any aggressive pets loose on site? ___ YES X NO (If yes, pets MUST be confined at time of our arrival)
DIRECTIONS TO SITE: Highway 150 to Doolie Rd.

Applicant Signature: Wendy Arnone Date: 12/1/21

Cost: $200 – Bacteria
$250 each – Fluoride, Inorganic, Petroleum/VOC, Nitrate/Nitrite, Coal Ash, Hexavalent Chromium, Pesticide, Other

North Carolina State Laboratory of Public Health

Environmental Sciences

Inorganic Chemistry

4312 District Drive
MSC 1918
Raleigh, NC 27699-1918

http://slph.ncpublichealth.com
Phone: 919-733-7308
Fax: 919-715-8611

Certificate of Analysis

FINAL REPORT

Report to: **GRACE BROWN**

IREDELL CO. ENVIRONMENTAL HEALTH DEPT - MOORESVILLE
610 EAST CENTER AVENUE
MOORESVILLE, NC 28115

Name of System:

Wendy Arnone
325 Doolie Rd
Mooresville, NC 28117

EIN: 566000309E **Delivery:** **NC Courier**

StarLiMS ID: **ES220125-0041**
Date Collected: 01/24/2022 Time Collected: 13:35 By: Grace Brown
Date Received: 01/25/2022 Time Received: 07:56
Sample Type: Raw Sampling Point: Well head Well Permit No. 323863
Sample Source: Well water Receipt Temp. : GPS Number:

Profile: Hexavalent Chromium

Analyte	Test Result	Reference Level *	Unit	Qualifier(s)
Hexavalent Chromium	<0.05	0.07	ug/L	

* As defined in NC Division of Water Quality Groundwater Standards per North Carolina Administrative Code (15A NCAC 02L .0200)

Report Date: 02/18/2022 **Reported By:** Marc Komlos

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Report to: GRACE BROWN

IREDELL CO. ENVIRONMENTAL HEALTH DEPT - MOORESVILLE
610 EAST CENTER AVENUE
MOORESVILLE, NC 28115

Name of System:

Wendy Arnone
325 Doolie Rd
Mooresville, NC 28117

EIN: 566000309E

Delivery: NC Courier

StarLiMS ID: ES220125-0040

Date Collected: 01/24/2022
Time Collected: 13:35
By: Grace Brown
Date Received: 01/25/2022
Time Received: 07:54

Sample Type: Raw
Sample Source: Well water
Sampling Point: Well head
Receipt Temp. : 2.0 °C
Well Permit No. 323863
GPS Number:

Profile: CA Well Monitoring

Analyte	Test Result	CAMA Screening Level	Unit	Qualifier(s)
Aluminum	<0.1	3.5	mg/L	
Antimony	<0.001	0.001	mg/L	
Arsenic	<0.001	0.010	mg/L	
Barium	<0.1	0.70	mg/L	
Beryllium	<0.001	0.004	mg/L	
Boron	<0.1	0.7	mg/L	
Cadmium	<0.0001	0.002	mg/L	
Calcium	33		mg/L	
Chloride	<5	250	mg/L	
Chromium	<0.001	0.01	mg/L	
Cobalt	<0.001	0.001	mg/L	
Copper	<0.01	1.0	mg/L	
Iron	<0.06	0.30	mg/L	
Lead	<0.003	0.015	mg/L	
Magnesium	5		mg/L	
Manganese	<0.005	0.05	mg/L	
Mercury	<0.0004	0.001	mg/L	
Molybdenum	0.007	0.018	mg/L	
Nickel	<0.01	0.1	mg/L	
pH	8.2		N/A	
Potassium	2.4		mg/L	
Selenium	<0.005	0.02	mg/L	
Sodium	9.9	20.0	mg/L	
Strontium	<0.5	2.1	mg/L	
Sulfate	36.9	250	mg/L	
Thallium	<0.0001	0.0002	mg/L	
Total Alkalinity	78		mg/L	
Total Dissolved Solids	148	500	mg/L	
Total Hardness	103		mg/L	
Total Suspended Solids	<5		mg/L	
Vanadium	<0.0001	0.0003	mg/L	

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IREDELL CO. ENVIRONMENTAL HEALTH DEPT - MOORESVILLE
610 EAST CENTER AVENUE
MOORESVILLE, NC 28115

Name of System:

Wendy Arnone
325 Doolie Rd
Mooresville, NC 28117

EIN: 566000309E

Delivery: **NC Courier**

StarLiMS ID: **ES220125-0040**

Date Collected: 01/24/2022
Time Collected: 13:35
By: Grace Brown
Date Rece ved: 01/25/2022
Time Received: 07:54

Sample Type: Raw
Sample Source: Well water
Sampling Point: Well head
Receipt Temp. : 2.0 °C
Well Permit No. 323863
GPS Number:

Zinc	<0.05	1.0	mg/L

CAMA = Coal Ash Management Act

Report Date: 02/21/2022

Reported By: Marc Komlos

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Report to: **GRACE BROWN**

IREDELL CO. ENVIRONMENTAL HEALTH DEPT - MOORESVILLE
610 EAST CENTER AVENUE
MOORESVILLE, NC 28115

Name of System:

Wendy Arnone
325 Doolie Rd
Mooresville, NC 28117

EIN: 566000309E

Delivery: **NC Courier**

StarLiMS ID: **ES220125-0016**

Date Collected: 01/24/2022 Time Collected: 13:35 By: Grace Brown

Date Received: 01/25/2022 Time Received: 07:32

Sample Type: Raw Sampling Point: Well head Well Permit No. 323863

Sample Source: Well water Receipt Temp. : 0.5 °C GPS Number:

Comment: Alkalinity data are qualified as "estimated" due to analysis out of the established holding time.

Profile: New Well I

Analyte	Test Result	Allowable Limit	Unit	Qualifier(s)
Arsenic	<0.001	0.010	mg/L	
Barium	<0.1	2.0	mg/L	
Cadmium	<0.0001	0.005	mg/L	
Calcium	31		mg/L	
Chloride	<5	250	mg/L	
Chromium	<0.001	0.10	mg/L	
Copper	<0.01	1.3	mg/L	
Fluoride	0.246	4.00	mg/L	
Iron	<0.06	0.30	mg/L	
Lead	<0.003	0.015	mg/L	
Magnesium	4		mg/L	
Manganese	<0.005	0.05	mg/L	
Mercury	<0.0004	0.002	mg/L	
Nickel	<0.01	0.1	mg/L	
Nitrate	<1	10.0	mg/L	
Nitrite	<0.1	1.00	mg/L	
pH	8.1		N/A	
Selenium	<0.005	0.05	mg/L	
Silver	<0.01	0.10	mg/L	
Sodium	9.3		mg/L	
Sulfate	36.9	250	mg/L	
Total Alkalinity	81		mg/L	
Total Hardness	95		mg/L	
Zinc	<0.05	5.0	mg/L	

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