

**North Carolina**  
**Department of Health and Human Services**  
**Laboratory Certification**



*in accordance with the provisions of regulations 10A NCAC 42D 0.200  
certification for the analysis of drinking water has been granted to*

**Waypoint Analytical - Greenville**  
Laboratory Number 37715

*For the following analyte group(s)*

Microbiology, Inorganic, Organic and Radiochemistry

*Refer to most-recent status sheet for analytes and methods*

July 1, 2023

*Issue date*

July 31, 2024

*Expiration date*

*Elizabeth Tilson, MD, MPH*  
*State Health Director*

*Scott M. Shone, PhD, HCLD (ABB)*  
*Director, State Laboratory*

*Michele Sartin*

*Michele Sartin*  
*Drinking Water Certification*

*This laboratory has met the minimum requirements for the certification to analyze drinking water.*

*This certificate does not guarantee accurate results.*

*North Carolina Department of Health and Human Services  
State Laboratory of Public Health*

WAYPOINT ANALYTICAL- GREENVILLE

*Lab Number* 37715

*Effective Date:* February 1, 2024

2/1/2024

RON BOQUIST

114 OAKMONT DRIVE

GREENVILLE NC 27858

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Dear RON BOQUIST

Your laboratory has met the certification requirements for the analytes on the attached status sheet(s).

The effective date for this certification is as shown.

If you have questions, please contact our office at (919) 807-8879.

Sincerely,

Michele Sartin

Head, Drinking Water Certification

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*North Carolina Drinking Water Certification Status Sheet :*

<b>Analyte Code (UR = Unregulated)</b>	<b>Method Code</b>	<b>Method</b>	
<b>Coliforms</b>			
3100	Coliform	COLISURE	Colisure Reagent
3100	Coliform	9223B	Colilert/Colilert18
3014	E. coli	COLISURE	Colisure Reagent
3014	E. coli	9223B	Colilert/Colilert18
<b>HPC</b>			
3001	Heterotrophic Bacteria (HPC)	SIMPLATE	Idexx Simplate

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<b>Metals</b>			
1074	Antimony	200.8	Inductively Coupled Plasma/MS
1005	Arsenic	200.8	Inductively Coupled Plasma/MS
1010	Barium	200.8	Inductively Coupled Plasma/MS
1010	Barium	200.7	Inductively Coupled Plasma
1075	Beryllium	200.7	Inductively Coupled Plasma
1075	Beryllium	200.8	Inductively Coupled Plasma/MS
1015	Cadmium	200.8	Inductively Coupled Plasma/MS
1015	Cadmium	200.7	Inductively Coupled Plasma
1016	Calcium (UR)	200.7	Inductively Coupled Plasma
1020	Chromium	200.8	Inductively Coupled Plasma/MS
1020	Chromium	200.7	Inductively Coupled Plasma
1022	Copper	200.7	Inductively Coupled Plasma
1022	Copper	200.8	Inductively Coupled Plasma/MS
1028	Iron	200.8	Inductively Coupled Plasma/MS
1028	Iron	200.7	Inductively Coupled Plasma
1030	Lead	200.8	Inductively Coupled Plasma/MS
1031	Magnesium	200.7	Inductively Coupled Plasma
1032	Manganese	200.7	Inductively Coupled Plasma
1032	Manganese	200.8	Inductively Coupled Plasma/MS
1035	Mercury	200.8	Inductively Coupled Plasma/MS
1035	Mercury	245.1	Manual Cold Vapor
1036	Nickel	200.8	Inductively Coupled Plasma/MS
1036	Nickel	200.7	Inductively Coupled Plasma
1045	Selenium	200.8	Inductively Coupled Plasma/MS
1049	Silica (UR)	200.7	Inductively Coupled Plasma
1050	Silver (UR)	200.8	Inductively Coupled Plasma/MS
1050	Silver (UR)	200.7	Inductively Coupled Plasma
1052	Sodium	200.7	Inductively Coupled Plasma
1085	Thallium	200.8	Inductively Coupled Plasma/MS
1095	Zinc (UR)	200.7	Inductively Coupled Plasma
1095	Zinc (UR)	200.8	Inductively Coupled Plasma/MS

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<b>General Chemistrv</b>			
1068	Acidity (UR)	2310B	Titration
1927	Alkalinity	2320B	Titrimetric
1017	Chloride (UR)	4500CLDE-B	Chloride - Argentometric tit.
1905	Color (UR)	2120B	Visual - Color
1064	Conductivity (UR)	2510B	Conductance @ 25 C
1024	Cyanide	4500CN-E	Spectrophotometric, manual
2919	Dissolved Organic Carbon (DOC)	5310C	Persulfate-UV Oxidation
1025	Fluoride	4500F-C	Ion Selective Electrode
1915	Hardness, Total (CaCO3)	2340C	Titration
1040	Nitrate	353.2	Cadmium reduction, automated
1041	Nitrite	353.2	Cadmium reduction, automated
1044	Orthophosphate (UR)	4500P-E	Colorimetric, manual
1925	pH Units (UR)	4500H-B	Electrometric
1055	Sulfate	4500SO4-E	Turbidimetric
1930	TDS-Total Dissolved Solids	2540C	Gravimetric
1996	Temperature (UR)	2550	Temperature
2920	Total Organic Carbon (TOC)	5310C	Persulfate-UV Oxidation
0100	Turbidity (UR)	2130B	Nephelometric
2922	UV Absorbance @ 254 nm	5910B	Ultraviolet Absorption
<b>THMs</b>			
2943	Bromodichloromethane	524.2	GC/MS - P&T, Cap col.
2942	Bromoform	524.2	GC/MS - P&T, Cap col.
2944	Chlorodibromomethane	524.2	GC/MS - P&T, Cap col.
2941	Chloroform	524.2	GC/MS - P&T, Cap col.
2950	Total Trihalomethanes	524.2	GC/MS - P&T, Cap col.

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<b>VOCs</b>		
2981	1,1,1-Trichloroethane	524.2 GC/MS - P&T, Cap col.
2985	1,1,2-Trichloroethane	524.2 GC/MS - P&T, Cap col.
2977	1,1-Dichloroethylene	524.2 GC/MS - P&T, Cap col.
2378	1,2,4-Trichlorobenzene	524.2 GC/MS - P&T, Cap col.
2968	1,2-Dichlorobenzene	524.2 GC/MS - P&T, Cap col.
2980	1,2-Dichloroethane	524.2 GC/MS - P&T, Cap col.
2983	1,2-Dichloropropane	524.2 GC/MS - P&T, Cap col.
2969	1,4-Dichlorobenzene	524.2 GC/MS - P&T, Cap col.
2990	Benzene	524.2 GC/MS - P&T, Cap col.
2982	Carbon Tetrachloride	524.2 GC/MS - P&T, Cap col.
2989	Chlorobenzene	524.2 GC/MS - P&T, Cap col.
2380	cis-1,2-Dichloroethylene	524.2 GC/MS - P&T, Cap col.
2964	Dichloromethane	524.2 GC/MS - P&T, Cap col.
2992	Ethylbenzene	524.2 GC/MS - P&T, Cap col.
2996	Styrene	524.2 GC/MS - P&T, Cap col.
2987	Tetrachloroethylene	524.2 GC/MS - P&T, Cap col.
2991	Toluene	524.2 GC/MS - P&T, Cap col.
2955	Total Xylenes	524.2 GC/MS - P&T, Cap col.
2979	trans-1,2-Dichloroethylene	524.2 GC/MS - P&T, Cap col.
2984	Trichloroethylene	524.2 GC/MS - P&T, Cap col.
2976	Vinyl Chloride	524.2 GC/MS - P&T, Cap col.

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<b>Haloacetic Acids</b>		
2454	Dibromoacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2451	Dichloroacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2453	Monobromoacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2450	Monochloroacetic acid	552.2 GC - Micro L/L, Cap col, ECD
2456	Total Haloacetic Acids	552.2 GC - Micro L/L, Cap col, ECD
2452	Trichloroacetic acid	552.2 GC - Micro L/L, Cap col, ECD

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<b>Pesticides</b>			
2931	1,2-Dibromo-3-Chloropropane	504.1	GC - Micro L/L, Cap col, ECD
2959	Chlordane	525.2	GC/MS - L/S, Cap col.
2005	Endrin	525.2	GC/MS - L/S, Cap col.
2946	Ethylene dibromide (EDB)	504.1	GC - Micro L/L, Cap col, ECD
2065	Heptachlor	525.2	GC/MS - L/S, Cap col.
2067	Heptachlor Epoxide	525.2	GC/MS - L/S, Cap col.
2274	Hexachlorobenzene	525.2	GC/MS - L/S, Cap col.
2042	Hexachlorocyclopentadiene	525.2	GC/MS - L/S, Cap col.
2010	Lindane	525.2	GC/MS - L/S, Cap col.
2015	Methoxychlor	525.2	GC/MS - L/S, Cap col.
2020	Toxaphene	525.2	GC/MS - L/S, Cap col.
<b>Herbicides</b>			
2110	2,4,5-TP (Silvex)	515.4	GC - Micro L/L, Cap col, ECD
2105	2,4-D	515.4	GC - Micro L/L, Cap col, ECD
2051	Alachlor	525.2	GC/MS - L/S, Cap col.
2050	Atrazine	525.2	GC/MS - L/S, Cap col.
2031	Dalapon	515.4	GC - Micro L/L, Cap col, ECD
2041	Dinoseb	515.4	GC - Micro L/L, Cap col, ECD
2326	Pentachlorophenol	515.4	GC - Micro L/L, Cap col, ECD
2040	Picloram	515.4	GC - Micro L/L, Cap col, ECD
2037	Simazine	525.2	GC/MS - L/S, Cap col.
<b>Carbamates</b>			
2046	Carbofuran	531.1	HPLC - Post col. Rx. Fluores.
2036	Oxamyl	531.1	HPLC - Post col. Rx. Fluores.
<b>PAHs</b>			
2306	Benzo(a)pyrene	525.2	GC/MS - L/S, Cap col.
2039	Di(2-Ethylhexyl) Phthalate	525.2	GC/MS - L/S, Cap col.
2035	Di-2(ethylhexyl)adipate	525.2	GC/MS - L/S, Cap col.
<b>PCBs</b>			
2383	Polychlorinated biphenyls PCB	525.2	GC/MS - L/S, Cap col.
<b>Radiological</b>			
4006	Uranium	200.8	Inductively Coupled Plasma/MS

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