



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**
Division of Public Health

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Division of Public Health

SCOTT M. SHONE, PhD, HCLD (ABB) • Laboratory Director, State
Laboratory of Public Health

Memo

To: NC CERTIFIED DRINKING WATER LABORATORIES
From: NC DRINKING WATER CERTIFICATION OFFICE
Date: July 20, 2023
Re: 2023-2024 CERTIFICATE – DRINKING WATER CERTIFICATION

Enclosed is your laboratory's drinking water certificate for the year 2023-2024. Please review the certificate and accompanying status sheet(s) – if you find an error please **email** tiffany.kohl@dhhs.nc.gov and a corrected copy will be sent. **Please note:** if your laboratory is certified for only **unregulated (UR) inorganic parameters** under the general chemistry section of your status sheet, this will only be listed on the status sheet and not on the certificate.

If you have any questions, please do not hesitate to call (919) 807-8879.

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH • STATE LABORATORY OF PUBLIC HEALTH

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AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

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*

Summit Environmental Technologies, Inc.
Laboratory Number 39705

For the following analyte group(s)

Radiochemistry, Inorganic and Organic Chemistry

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 Sartir
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*

SUMMIT ENVIRONMENTAL TECHNOLOGIES INC. *Lab Number* 39705 *Effective Date:* July 1, 2023

North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method	
Metals			
1002	Aluminum (UR)	200.8	Inductively Coupled Plasma/MS
1002	Aluminum (UR)	200.7	Inductively Coupled Plasma
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	200.8	Inductively Coupled Plasma/MS
1015	Cadmium	200.7	Inductively Coupled Plasma
1015	Cadmium	200.8	Inductively Coupled Plasma/MS
1016	Calcium (UR)	200.7	Inductively Coupled Plasma
1020	Chromium	200.7	Inductively Coupled Plasma
1020	Chromium	200.8	Inductively Coupled Plasma/MS
1022	Copper	200.7	Inductively Coupled Plasma
1022	Copper	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	245.1	Manual Cold Vapor
1036	Nickel	200.7	Inductively Coupled Plasma
1036	Nickel	200.8	Inductively Coupled Plasma/MS
1045	Selenium	200.8	Inductively Coupled Plasma/MS
1049	Silica (UR)	200.7	Inductively Coupled Plasma
1050	Silver (UR)	200.7	Inductively Coupled Plasma
1050	Silver (UR)	200.8	Inductively Coupled Plasma/MS
1052	Sodium	200.7	Inductively Coupled Plasma
1085	Thallium	200.8	Inductively Coupled Plasma/MS
1095	Zinc (UR)	200.8	Inductively Coupled Plasma/MS
1095	Zinc (UR)	200.7	Inductively Coupled Plasma

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General Chemistrv			
1927	Alkalinity	2320B	Titrimetric
1011	Bromate	300.1	Ion Chromatography
1017	Chloride (UR)	300.0	Ion Chromatography
1009	Chlorite	300.1	Ion Chromatography
1905	Color (UR)	2120B	Visual - Color
1064	Conductivity (UR)	2510B	Conductance @ 25 C
1025	Fluoride	300.0	Ion Chromatography
1040	Nitrate	300.0	Ion Chromatography
1044	Orthophosphate (UR)	300.0	Ion Chromatography
1925	pH Units (UR)	4500H-B	Electrometric
1055	Sulfate	300.0	Ion Chromatography
0100	Turbidity (UR)	2130B	Nephelometric
Dioxin			
2063	Dioxin(2,3,7,8-TCDD)	1613	GC/MS High Res - L/L Cap col
Radiological			
4002	Gross Alpha	900.0	Evaporation - Gross Alpha/Beta
4100	Gross Beta	900.0	Evaporation - Gross Alpha/Beta
4020	Radium 226	903.0	Radiochemical
4030	Radium 228	904.0	Radiochemical