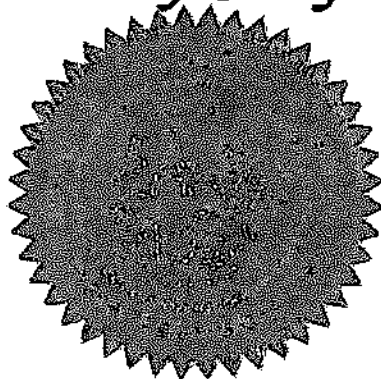


**North Carolina
Department of Health and Human Services
Laboratory Certification**



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

EMSL Analytical, Inc. – New Jersey
Laboratory Number 34700

For the following analyte group(s)

Microbiology, Inorganic, Organic and Radiochemistry

Refer to most-recent status sheet for analytes and methods

July 1, 2020

Issue date

July 31, 2021

Expiration date

*Elizabeth Tilson, MD, MPH
State Health Director*

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

Michele Sartir

*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*

EMSL ANALYTICAL, INC-New Jersey

Lab Number 34700

Effective Date: August 21, 2020

North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method
Long-Term 2 ESWTR		
3015	1623.1	Filtration/IMS/FA
Metals		
1002	200.7	Inductively Coupled Plasma
1002	200.8	Inductively Coupled Plasma/MS
1074	200.8	Inductively Coupled Plasma/MS
1005	200.8	Inductively Coupled Plasma/MS
1010	200.8	Inductively Coupled Plasma/MS
1010	200.7	Inductively Coupled Plasma
1075	200.8	Inductively Coupled Plasma/MS
1015	200.7	Inductively Coupled Plasma
1015	200.8	Inductively Coupled Plasma/MS
1016	200.7	Inductively Coupled Plasma
1020	200.7	Inductively Coupled Plasma
1020	200.8	Inductively Coupled Plasma/MS
1022	200.8	Inductively Coupled Plasma/MS
1022	200.7	Inductively Coupled Plasma
1028	200.7	Inductively Coupled Plasma
1030	200.8	Inductively Coupled Plasma/MS
1031	200.7	Inductively Coupled Plasma
1032	200.7	Inductively Coupled Plasma
1032	200.8	Inductively Coupled Plasma/MS
1035	245.1	Manual Cold Vapor
1036	200.8	Inductively Coupled Plasma/MS
1036	200.7	Inductively Coupled Plasma
1045	200.8	Inductively Coupled Plasma/MS
1050	200.7	Inductively Coupled Plasma
1050	200.8	Inductively Coupled Plasma/MS
1052	200.7	Inductively Coupled Plasma
1085	200.8	Inductively Coupled Plasma/MS
1095	200.8	Inductively Coupled Plasma/MS
1095	200.7	Inductively Coupled Plasma

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General Chemistry			
1792	Amphibole	100.2	Transmission Electron Microsc.
1004	Bromide	300.0	Ion Chromatography
1017	Chloride (UR)	300.0	Ion Chromatography
1791	Chrysotile	100.2	Transmission Electron Microsc.
1025	Fluoride	300.0	Ion Chromatography
1040	Nitrate	300.0	Ion Chromatography
1041	Nitrite	300.0	Ion Chromatography
1055	Sulfate	300.0	Ion Chromatography
1930	TDS-Total Dissolved Solids	2540C	Gravimetric
1094	Total Asbestos	100.2	Transmission Electron Microsc.
0100	Turbidity (UR)	180.1	Nephelometric

THMs			
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.

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VOCs		
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.
Pesticides		
2931	1,2-Dibromo-3-Chloropropane	504.1 GC - Micro L/L, Cap col, ECD
2946	Ethylene dibromide (EDB)	504.1 GC - Micro L/L, Cap col, ECD
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
4006	Uranium	200.8 Inductively Coupled Plasma/MS