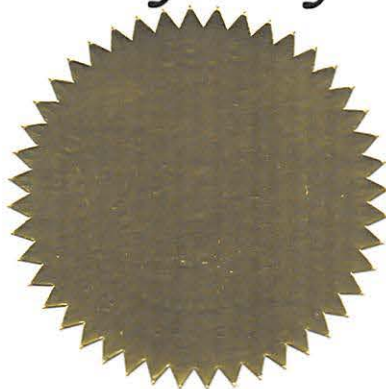


North Carolina
Department of Health and Human Services
Laboratory Certification



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

Air Water & Soil Laboratories, Inc.
Laboratory Number 51714

For the following analyte group(s)

Inorganic and Organic Chemistry

Refer to most-recent status sheet for analytes and methods

July 1, 2019

Issue date

July 31, 2020

Expiration date

Elizabeth Tilson, MD, MPH
State Health Director

Dee Pettit, PhD, HCLD (ABB)
Acting Director, State Laboratory


Chris Goforth
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*

AIR WATER & SOIL LABORATORIES INC.

Lab Number 51714

Effective Date:

7/11/2019

North Carolina Drinking Water Certification Status Sheet :

Analyte Code (UR = Unregulated)	Method Code	Method
Metals		
1074	200.8	Inductively Coupled Plasma/MS
1074	200.9	Graphite Furnace, Platform
1005	200.8	Inductively Coupled Plasma/MS
1005	200.9	Graphite Furnace, Platform
1010	200.8	Inductively Coupled Plasma/MS
1010	200.7	Inductively Coupled Plasma
1075	200.8	Inductively Coupled Plasma/MS
1075	200.9	Graphite Furnace, Platform
1015	200.9	Graphite Furnace, Platform
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	200.7	Inductively Coupled Plasma
1028	200.7	Inductively Coupled Plasma
1030	200.8	Inductively Coupled Plasma/MS
1030	200.9	Graphite Furnace, Platform
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	200.7	Inductively Coupled Plasma
1036	200.8	Inductively Coupled Plasma/MS
1045	200.8	Inductively Coupled Plasma/MS
1045	200.9	Graphite Furnace, Platform
1052	200.7	Inductively Coupled Plasma
1085	200.8	Inductively Coupled Plasma/MS
1085	200.9	Graphite Furnace, Platform
1095	200.7	Inductively Coupled Plasma

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General Chemistry			
1927	Alkalinity	2320B	Titrimetric
1017	Chloride (UR)	300.0	Ion Chromatography
1064	Conductivity (UR)	2510B	Conductance @ 25 C
1024	Cyanide	4500CN-E	Spectrophotometric, manual
1025	Fluoride	300.0	Ion Chromatography
1040	Nitrate	300.0	Ion Chromatography
1041	Nitrite	300.0	Ion Chromatography
1044	Orthophosphate (UR)	4500P-E	Colorimetric, manual
1925	pH Units (UR)	4500H-B	Electrometric
1055	Sulfate	300.0	Ion Chromatography
1930	TDS-Total Dissolved Solids	2540C	Gravimetric
2920	Total Organic Carbon (TOC)	5310C	Persulfate-UV Oxidation
0100	Turbidity (UR)	2130B	Nephelometric
2922	UV Absorbance @ 254 nm	5910B	Ultraviolet Absorption

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.
2950	Total Trihalomethanes	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
2274	Hexachlorobenzene	525.2	GC/MS - L/S, Cap col.
2042	Hexachlorocyclopentadiene	525.2	GC/MS - L/S, Cap col.
Herbicides			
2051	Alachlor	525.2	GC/MS - L/S, Cap col.
2050	Atrazine	525.2	GC/MS - L/S, Cap col.
2037	Simazine	525.2	GC/MS - L/S, Cap col.
PAHs			
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.