

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

SUBURBAN LABORATORIES

*Lab Number* 17701

*Effective Date:*

July 1, 2023

*North Carolina Drinking Water Certification Status Sheet :*

<b>Analyte Code (UR = Unregulated)</b>	<b>Method Code</b>	<b>Method</b>	
<b>Metals</b>			
1002	Aluminum (UR)	200.8	Inductively Coupled Plasma/MS
1074	Antimony	200.8	Inductively Coupled Plasma/MS
1005	Arsenic	200.8	Inductively Coupled Plasma/MS
1010	Barium	200.7	Inductively Coupled Plasma
1010	Barium	200.8	Inductively Coupled Plasma/MS
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	200.7	Inductively Coupled Plasma
1030	Lead	200.8	Inductively Coupled Plasma/MS
1031	Magnesium	200.7	Inductively Coupled Plasma
1032	Manganese	200.8	Inductively Coupled Plasma/MS
1032	Manganese	200.7	Inductively Coupled Plasma
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
1052	Sodium	200.7	Inductively Coupled Plasma
1085	Thallium	200.8	Inductively Coupled Plasma/MS
1095	Zinc (UR)	200.7	Inductively Coupled Plasma

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<b>General Chemistry</b>			
1068	Acidity (UR)	2310B	Titration
1927	Alkalinity	2320B	Titrimetric
1064	Conductivity (UR)	2510B	Conductance @ 25 C
1024	Cyanide	335.4	Spectrophoto., semi-automated
1024	Cyanide	4500CN-E	Spectrophotometric, manual
1025	Fluoride	4500F-C	Ion Selective Electrode
1915	Hardness, Total (CaCO <sub>3</sub> )	200.7	Inductively Coupled Plasma
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
1930	TDS-Total Dissolved Solids	2540C	Gravimetric
0100	Turbidity (UR)	2130B	Nephelometric
<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.

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**VOCs**

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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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**Haloacetic Acids**

2454	Dibromoacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2451	Dichloroacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2453	Monobromoacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2450	Monochloroacetic acid	552.3	GC - Micro L/L, Cap col, ECD
2452	Trichloroacetic acid	552.3	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	505	GC - Micro L/L, Cap col, ECD
2005	Endrin	505	GC - Micro L/L, Cap col, ECD
2946	Ethylene dibromide (EDB)	504.1	GC - Micro L/L, Cap col, ECD
2065	Heptachlor	505	GC - Micro L/L, Cap col, ECD
2067	Heptachlor Epoxide	505	GC - Micro L/L, Cap col, ECD
2274	Hexachlorobenzene	505	GC - Micro L/L, Cap col, ECD
2042	Hexachlorocyclopentadiene	505	GC - Micro L/L, Cap col, ECD
2010	Lindane	505	GC - Micro L/L, Cap col, ECD
2015	Methoxychlor	505	GC - Micro L/L, Cap col, ECD
2020	Toxaphene	505	GC - Micro L/L, Cap col, ECD
<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
2032	Diquat	549.2	HPLC - L/S ext. UV
2033	Endothall	548.1	GC/MS or GC/FID - L/S Cap col
2034	Glyphosate	547	HPLC - Post col Rx, Fluoresc.
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	531.2	HPLC - Post col. Rx. Fluores.
2036	Oxamyl	531.2	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	505	GC - Micro L/L, Cap col, ECD