



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2019

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	28	27	27	32
Aluminum	mg/L	0.02	<0.01	0.12	<0.01
Calcium	mg/L	4.5	11.9	5.0	8.6
Carbon Dioxide	mg/L	6	4	10	6
Chloride	mg/L	9	13	8	11
Chlorine, Total	mg/L	-	2.97	-	2.97
Color	CU	8	1	25	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.76	0.10	0.10
Hardness, (EDTA)	mg/L	27	54	27	41
Iron	mg/L	0.04	<0.01	0.24	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.3	2.2	2.3
Manganese	mg/L	0.04	<0.01	0.14	<0.01
Nitrate	mg/L	0.12	0.22	0.22	0.34
PFOA	ng/L	3.0	3.0	3.8	4.1
PFOS	ng/L	17	17	25	26
pH	pH units	7.4	8.0	7.0	8.1
Phosphorus, Total	mg/L	0.05	0.96	0.05	0.98
Potassium	mg/L	1.9	2.0	2.0	2.1
Sodium	mg/L	4.3	13.0	3.6	16.4
Specific Conductance	µmho/cm	87	195	107	205
Sulfate	mg/L	1.0	57	2.0	51
Total Dissolved Solids	mg/L	55	124	67	92
Turbidity	NTU	2.4	0.07	8.1	0.08
Zinc	mg/L	<0.01	<0.01	<0.01	<0.01

< number - below the detection limit of the analytical instrument

Annual Compliance Results for Inorganics

4/8/2019

PARAMETER	UNITS	TOWNSEND FINISHED	MITCHELL FINISHED	ALLOWABLE LIMIT
Antimony	mg/L	<0.003	<0.003	0.006
Arsenic	mg/L	<0.005	<0.005	0.010
Barium	mg/L	<0.400	<0.400	2.000
Beryllium	mg/L	<0.002	<0.002	0.004
Cadmium	mg/L	<0.001	<0.001	0.005
Chromium	mg/L	<0.020	<0.020	0.100
Cyanide, Total	mg/L	<0.050	<0.050	0.200
Iron	mg/L	<0.060	<0.060	0.300
Manganese	mg/L	<0.010	<0.010	0.050
Mercury	mg/L	<0.0004	<0.0004	0.002
Nickel	mg/L	<0.100	<0.100	N/A
Selenium	mg/L	<0.010	<0.010	0.050
Thallium	mg/L	<0.001	<0.001	0.002