



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2019

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	26	29	34
Aluminum	mg/L	<0.01	<0.01	0.04	<0.01
Calcium	mg/L	3.9	10.1	4.9	8.3
Carbon Dioxide	mg/L	5	4	11	6
Chloride	mg/L	8	14	10	15
Chlorine, Total	mg/L	-	3.00	-	3.01
Color	CU	12	1	13	3
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.72	0.10	0.10
Hardness, (EDTA)	mg/L	26	52	27	42
Iron	mg/L	0.03	<0.01	0.13	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.9	2.1	2.0	2.0
Manganese	mg/L	0.08	<0.01	0.16	<0.01
Nitrate	mg/L	0.18	0.20	0.21	0.35
PFOA	ng/L	3.0	3.2	4.3	4.1
PFOS	ng/L	18	18	30	26
pH	pH units	7.5	8.0	6.9	8.1
Phosphorus, Total	mg/L	0.05	1.00	0.04	0.86
Potassium	mg/L	1.8	2.1	2.3	2.2
Sodium	mg/L	3.5	11.6	3.6	17.1
Specific Conductance	µmho/cm	83	192	103	212
Sulfate	mg/L	2.0	55	2.0	50
Total Dissolved Solids	mg/L	48	107	54	112
Turbidity	NTU	1.8	0.06	3.6	0.12
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