



WATER QUALITY REPORT CITY OF GREENSBORO, NC

August 2019

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	29	29	31	37
Aluminum	mg/L	0.03	<0.01	0.06	<0.01
Calcium	mg/L	4.0	11.0	5.1	7.6
Carbon Dioxide	mg/L	6	3	11	7
Chloride	mg/L	7	12	5	8
Chlorine, Total	mg/L	-	2.99	-	3.02
Color	CU	13	1	16	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.76	0.12	0.16
Hardness, (EDTA)	mg/L	26	53	30	48
Iron	mg/L	0.02	<0.01	0.26	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.2	2.2	2.2
Manganese	mg/L	0.03	0.01	0.22	<0.01
Nitrate	mg/L	0.24	0.23	0.29	0.34
PFOA	ng/L	3.4	3.8	4.9	5.0
PFOS	ng/L	18	20	35	33
pH	pH units	7.3	8.0	6.9	8.1
Phosphorus, Total	mg/L	0.04	0.98	0.04	0.90
Potassium	mg/L	1.9	2.0	2.4	2.1
Sodium	mg/L	3.8	12.6	3.8	14.9
Specific Conductance	µmho/cm	83	198	105	214
Sulfate	mg/L	5.0	53	5.0	53
Total Dissolved Solids	mg/L	55	122	80	130
Turbidity	NTU	1.7	0.06	4.5	0.13
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