



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2018

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	29	34	40
Aluminum	mg/L	0.07	<0.01	0.04	<0.01
Calcium	mg/L	4.9	12.5	6.0	11.1
Carbon Dioxide	mg/L	5	4	8	5
Chloride	mg/L	12	16	13	17
Chlorine, Total	mg/L	-	2.98	-	3.00
Color	CU	6	<1	17	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.45	0.12	0.13
Hardness, (EDTA)	mg/L	32	58	36	53
Iron	mg/L	0.06	<0.01	0.21	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	3.0	2.6	2.9
Manganese	mg/L	0.06	<0.01	0.39	<0.01
Nitrate	mg/L	<1	<1	<1	<1
PFOA	ng/L	5.6	5.4	8.7	9.0
PFOS	ng/L	35	34	69	71
pH	pH units	7.7	8.1	7.0	8.2
Phosphorus, Total	mg/L	0.06	0.92	0.06	0.86
Potassium	mg/L	2.4	2.5	2.6	2.6
Sodium	mg/L	8.0	19.0	6.5	21.0
Specific Conductance	µmho	120	239	127	235
Sulfate	mg/L	0.6	50	<1	47
Total Dissolved Solids	mg/L	58	123	76	142
Turbidity	NTU	1.9	0.06	6.8	0.06
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

5/14/2018

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