



WATER QUALITY REPORT CITY OF GREENSBORO, NC

August 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	30	34	41
Aluminum	mg/L	0.02	<0.01	0.04	<0.01
Calcium	mg/L	4.4	14.5	4.7	12.0
Carbon Dioxide	mg/L	6	4	10	6
Chloride	mg/L	6	11	6	12
Chlorine, Total	mg/L	-	2.96	-	2.96
Color	CU	9	1	11	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.54	0.11	0.11
Hardness, Total	mg/L	26	60	32	47
Iron	mg/L	0.04	<0.01	0.11	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.4	2.3	2.5
Manganese	mg/L	0.08	<0.01	0.18	<0.01
Nitrate	mg/L	0.08	0.22	0.11	0.45
pH	pH units	7.5	8.0	6.9	8.1
Phosphorus, Total	mg/L	0.02	0.66	0.02	0.60
Potassium	mg/L	2.5	2.6	2.5	2.8
Sodium	mg/L	4.1	9.7	3.8	19.4
Specific Conductance	µmho	82	206	91	217
Sulfate	mg/L	<1	49	<1	46
Total Dissolved Solids	mg/L	46	118	56	131
Turbidity	NTU	2.3	0.04	4.4	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

4/5/2017

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