



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	33	34	35	41
Aluminum	mg/L	0.16	0.06	0.08	0.02
Calcium	mg/L	5.2	15.9	5.2	8.1
Carbon Dioxide	mg/L	9	5	10	7
Chloride	mg/L	9	15	7	13
Chlorine, Free	mg/L	-	3.07	-	3.15
Color	CU	6	<1	10	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.52	0.11	0.11
Hardness, Total	mg/L	34	69	34	42
Iron	mg/L	0.09	<0.06	0.26	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.6	2.4	2.5
Manganese	mg/L	0.30	<0.01	0.46	<0.01
Nitrate	mg/L	0.12	0.50	0.09	0.78
pH	pH units	6.9	7.4	6.8	7.4
Phosphorus, Total	mg/L	0.07	0.82	0.06	0.76
Potassium	mg/L	2.4	2.4	2.4	2.5
Sodium	mg/L	7.1	14.1	5.9	26.8
Specific Conductance	µmho	103	220	103	223
Sulfate	mg/L	0.5	46.8	0.5	45.0
Total Dissolved Solids	mg/L	64	144	68	141
Turbidity	NTU	3.3	0.05	6.1	0.09
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

5/10/2016

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