



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	34	32	41
Aluminum	mg/L	0.06	0.02	0.05	<0.01
Calcium	mg/L	5.5	15.8	5.0	9.7
Carbon Dioxide	mg/L	7	4	10	6
Chloride	mg/L	10	16	9	15
Chlorine, Total	mg/L	-	3.17	-	3.19
Color	CU	8	1	9	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.59	0.11	0.11
Hardness, Total	mg/L	31	62	30	42
Iron	mg/L	0.14	0.02	0.13	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.3	2.5	2.2	2.5
Manganese	mg/L	0.12	<0.01	0.20	<0.01
Nitrate	mg/L	0.13	0.24	0.10	0.47
pH	pH units	7.0	8.1	6.9	8.1
Phosphorus, Total	mg/L	0.04	0.72	0.04	0.94
Potassium	mg/L	2.4	2.4	2.2	2.4
Sodium	mg/L	7.4	14.9	5.8	27.7
Specific Conductance	µmho	102	219	100	227
Sulfate	mg/L	2.2	40.8	1.0	46.8
Total Dissolved Solids	mg/L	56	136	70	146
Turbidity	NTU	3.3	0.04	4.6	0.08
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

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