



WATER QUALITY REPORT CITY OF GREENSBORO, NC

August 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	34	39	37	44
Aluminum	mg/L	0.08	0.03	0.07	0.03
Calcium	mg/L	4.9	13.0	4.8	8.9
Carbon Dioxide	mg/L	7	3	10	7
Chloride	mg/L	9	16	7	14
Chlorine, Total	mg/L	-	3.18	-	3.15
Color	CU	7	3	11	4
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.11	0.57	0.08	0.09
Hardness, Total	mg/L	32	65	34	46
Iron	mg/L	0.07	0.03	0.15	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	1.9	1.9	3.3
Manganese	mg/L	0.27	0.01	0.29	0.01
Nitrate	mg/L	0.13	0.41	0.20	0.77
pH	pH units	7.0	8.1	6.9	8.1
Phosphorus, Total	mg/L	0.04	0.81	0.08	0.73
Potassium	mg/L	2.0	2.0	2.1	2.1
Sodium	mg/L	5.6	8.8	4.4	12.6
Specific Conductance	µmho	104	227	105	222
Sulfate	mg/L	0.6	41.6	0.4	36.6
Total Dissolved Solids	mg/L	57	130	63	127
Turbidity	NTU	3.8	0.08	6.3	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

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