



WATER QUALITY REPORT CITY OF GREENSBORO, NC

October 2017					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	34	34	36	42
Aluminum	mg/L	0.08	0.02	0.06	<0.01
Calcium	mg/L	4.5	12.8	4.6	10.3
Carbon Dioxide	mg/L	6	4	9	6
Chloride	mg/L	6	11	7	13
Chlorine, Total	mg/L	-	2.96	-	2.95
Color	CU	9	<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	29	63	32	47
Iron	mg/L	0.10	<0.01	0.17	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.0	2.2	2.1	2.3
Manganese	mg/L	0.13	<0.01	0.18	<0.01
Nitrate	mg/L	0.28	0.36	0.31	1.06
pH	pH units	7.3	8.0	7.0	8.1
Phosphorus, Total	mg/L	0.02	0.68	0.02	0.76
Potassium	mg/L	2.5	2.6	2.5	2.6
Sodium	mg/L	3.8	9.6	3.6	13.5
Specific Conductance	µmho	87	206	101	202
Sulfate	mg/L	<1	44	<1	39
Total Dissolved Solids	mg/L	62	132	69	135
Turbidity	NTU	2.7	0.05	4.8	0.05
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

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