



WATER QUALITY REPORT CITY OF GREENSBORO, NC

April 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	30	29	30	33
Aluminum	mg/L	0.03	<0.01	0.10	<0.01
Calcium	mg/L	4.1	13.7	5.0	8.5
Carbon Dioxide	mg/L	5	4	8	7
Chloride	mg/L	10	14	12	17
Chlorine, Total	mg/L	-	2.90	-	2.95
Color	CU	6	<1	8	<1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.67	0.08	0.10
Hardness, Total	mg/L	26	59	30	40
Iron	mg/L	0.06	<0.01	0.16	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.1	2.2	2.4	2.3
Manganese	mg/L	0.05	<0.01	0.08	<0.01
Nitrate	mg/L	0.08	0.15	0.07	0.34
pH	pH units	7.4	8.0	7.0	8.0
Phosphorus, Total	mg/L	0.02	1.12	0.03	0.66
Potassium	mg/L	2.2	2.2	2.3	2.3
Sodium	mg/L	5.9	10.2	7.1	16.1
Specific Conductance	µmho	87	202	108	207
Sulfate	mg/L	2.2	40.8	3.0	45.2
Total Dissolved Solids	mg/L	64	130	76	136
Turbidity	NTU	3.4	0.05	7.1	0.04
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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