



WATER QUALITY REPORT CITY OF GREENSBORO, NC

April 2015

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	31	31	34	38
Aluminum	mg/L	0.19	0.02	0.09	0.02
Calcium	mg/L	5.8	11.0	4.6	10.8
Carbon Dioxide	mg/L	6	4	8	6
Chloride	mg/L	11	17	19	22
Chlorine, Total	mg/L	-	3.14	-	3.16
Color	CU	12	<1	9	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.15	0.58	0.13	0.12
Hardness, Total	mg/L	30	48	39	48
Iron	mg/L	0.32	<0.06	0.23	0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.3	2.0	2.6
Manganese	mg/L	0.09	<0.01	0.10	<0.01
Nitrate	mg/L	0.11	0.18	0.08	0.19
pH	pH units	7.3	8.2	7.1	8.3
Phosphorus, Total	mg/L	0.04	0.49	0.03	0.40
Potassium	mg/L	2.1	2.0	1.4	2.1
Sodium	mg/L	7.3	14.3	7.4	21.0
Specific Conductance	µmho	107	187	143	237
Sulfate	mg/L	3.8	24.5	4.8	39.5
Total Dissolved Solids	mg/L	83	100	74	124
Turbidity	NTU	9.2	0.06	5.3	0.07
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

PARAMETER	UNITS	8/4/2014	7/9/2014	ALLOWABLE LIMIT
		TOWNSEND FINISHED	MITCHELL FINISHED	
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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