



WATER QUALITY REPORT CITY OF GREENSBORO, NC

July 2015

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	35	33	42	47
Aluminum	mg/L	0.07	0.03	0.06	0.04
Calcium	mg/L	5.7	11.4	6.7	11.2
Carbon Dioxide	mg/L	6	3	10	5
Chloride	mg/L	13	20	15	23
Chlorine, Total	mg/L	-	3.16	-	3.18
Color	CU	6	2	8	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.13	0.57	0.14	0.13
Hardness, Total	mg/L	31	50	41	54
Iron	mg/L	0.07	0.02	0.11	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.6	2.6	3.1	3.2
Manganese	mg/L	0.07	<0.01	0.14	<0.01
Nitrate	mg/L	0.10	0.20	0.08	0.42
pH	pH units	7.4	8.2	7.0	8.2
Phosphorus, Total	mg/L	0.02	0.44	0.02	0.39
Potassium	mg/L	2.1	2.2	2.2	2.4
Sodium	mg/L	7.8	16.6	9.0	23.6
Specific Conductance	µmho	118	218	156	290
Sulfate	mg/L	1.0	41.2	0.2	41.2
Total Dissolved Solids	mg/L	62	120	80	149
Turbidity	NTU	2.8	0.08	4.2	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

5/11/2015

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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