



# WATER QUALITY REPORT CITY OF GREENSBORO, NC

## August 2015

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
<b>Monthly Inorganic Averages</b>					
Alkalinity, Total	mg/L	35	34	41	48
Aluminum	mg/L	0.10	0.07	0.05	0.03
Calcium	mg/L	5.7	9.5	6.2	11.0
Carbon Dioxide	mg/L	6	3	10	5
Chloride	mg/L	14	23	14	22
Chlorine, Total	mg/L	-	3.19	-	3.15
Color	CU	6	1	10	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.14	0.50	0.14	0.14
Hardness, Total	mg/L	31	49	40	53
Iron	mg/L	0.06	0.03	0.13	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.8	2.9	3.1	3.2
Manganese	mg/L	0.07	<0.01	0.17	<0.01
Nitrate	mg/L	0.10	0.20	0.07	0.49
pH	pH units	7.3	8.2	7.0	8.2
Phosphorus, Total	mg/L	0.06	0.50	0.06	0.44
Potassium	mg/L	2.3	2.3	2.6	2.6
Sodium	mg/L	8.4	20.3	8.8	26.7
Specific Conductance	µmho	116	222	247	495
Sulfate	mg/L	0.8	41.0	0.4	46.6
Total Dissolved Solids	mg/L	76	131	76	163
Turbidity	NTU	2.3	0.06	4.6	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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