



WATER QUALITY REPORT CITY OF GREENSBORO, NC

September 2016

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	37	40	39	46
Aluminum	mg/L	0.06	<0.01	0.10	<0.01
Calcium	mg/L	5.4	11.6	5.7	10.9
Carbon Dioxide	mg/L	7	3	11	6
Chloride	mg/L	9	15	7	14
Chlorine, Total	mg/L	-	3.19	-	3.15
Color	CU	7	1	10	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.58	0.10	0.11
Hardness, Total	mg/L	34	44	35	48
Iron	mg/L	0.10	<0.01	0.12	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.4	2.6	2.5	2.7
Manganese	mg/L	0.27	<0.01	0.30	<0.01
Nitrate	mg/L	0.19	0.24	0.19	0.44
pH	pH units	7.0	8.2	6.9	8.2
Phosphorus, Total	mg/L	0.16	2.33	0.22	2.71
Potassium	mg/L	2.2	2.3	2.3	2.5
Sodium	mg/L	6.0	18.4	5.0	20.8
Specific Conductance	µmho	109	220	109	226
Sulfate	mg/L	0.5	42.2	0.5	41.0
Total Dissolved Solids	mg/L	53	117	52	121
Turbidity	NTU	2.1	0.04	7.1	0.10
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

5/10/2016

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

Marie Shandor, Laboratory Supervisor

(336) 373-7527

marie.shandor@greensboro-nc.gov