



WATER QUALITY REPORT CITY OF GREENSBORO, NC

June 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	28	27	25	33
Aluminum	mg/L	0.08	<0.01	0.21	<0.01
Calcium	mg/L	5.1	11.5	5.5	9.9
Carbon Dioxide	mg/L	6	4	10	6
Chloride	mg/L	7	12	5	12
Chlorine, Total	mg/L	-	2.94	-	2.95
Color	CU	14	1	29	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.62	0.11	0.11
Hardness, Total	mg/L	26	61	27	37
Iron	mg/L	0.08	<0.01	0.38	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.5	2.4	2.4	2.6
Manganese	mg/L	0.05	<0.01	0.20	<0.01
Nitrate	mg/L	0.12	0.20	0.07	0.59
pH	pH units	7.3	8.0	6.6	8.1
Phosphorus, Total	mg/L	0.02	0.96	0.03	0.81
Potassium	mg/L	2.5	2.5	3.0	2.5
Sodium	mg/L	5.3	13.6	4.2	25.4
Specific Conductance	µmho	80	203	76	227
Sulfate	mg/L	<1	47	<1	53
Total Dissolved Solids	mg/L	47	113	45	136
Turbidity	NTU	3.3	0.07	12.8	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

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

Marie Shandor, Laboratory Supervisor

(336) 373-7527

marie.shandor@greensboro-nc.gov