



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2017

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	30	29	26	32
Aluminum	mg/L	0.16	<0.01	0.42	<0.01
Calcium	mg/L	4.9	13.5	4.7	8.5
Carbon Dioxide	mg/L	6	4	10	6
Chloride	mg/L	9	16	8	14
Chlorine, Total	mg/L	-	2.95	-	2.92
Color	CU	11	<1	37	2
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.12	0.66	0.11	0.11
Hardness, Total	mg/L	27	60	27	36
Iron	mg/L	0.13	<0.01	0.60	0.02
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	2.2	2.3	2.0	2.1
Manganese	mg/L	0.06	<0.01	0.13	<0.01
Nitrate	mg/L	0.14	0.21	0.17	0.93
pH	pH units	7.3	8.0	6.8	8.0
Phosphorus, Total	mg/L	0.03	1.00	0.03	0.88
Potassium	mg/L	2.3	2.3	2.5	2.4
Sodium	mg/L	5.9	10.4	4.4	24.7
Specific Conductance	µmho	89	212	85	206
Sulfate	mg/L	0.6	42.0	0.4	46.4
Total Dissolved Solids	mg/L	54	122	58	126
Turbidity	NTU	2.9	0.04	14.4	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