



WATER QUALITY REPORT CITY OF GREENSBORO, NC

May 2018

PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	27	25	29	34
Aluminum	mg/L	0.11	0.01	0.11	<0.01
Calcium	mg/L	4.1	13.3	5.7	10.7
Carbon Dioxide	mg/L	4	4	8	7
Chloride	mg/L	11	13	13	16
Chlorine, Total	mg/L	-	3.00	-	2.93
Color	CU	8	<1	8	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.44	0.10	0.10
Hardness, (EDTA)	mg/L	30	54	33	43
Iron	mg/L	0.11	<0.01	0.30	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.8	2.8	2.5	3.2
Manganese	mg/L	0.02	<0.01	0.30	<0.01
Nitrate	mg/L	0.08	0.11	0.12	0.26
PFOA	ng/L	4.5	5.0	6.4	7.3
PFOS	ng/L	22	29	36	47
pH	pH units	8.3	7.9	7.0	7.9
Phosphorus, Total	mg/L	0.04	0.87	0.03	0.88
Potassium	mg/L	1.4	3.1	1.4	3.1
Sodium	mg/L	4.5	20.3	5.3	27.0
Specific Conductance	µmho	110	225	128	228
Sulfate	mg/L	0.8	28	1.0	27
Total Dissolved Solids	mg/L	60	127	71	130
Turbidity	NTU	4.0	0.05	5.8	0.05
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

5/14/2018

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