



WATER QUALITY REPORT CITY OF GREENSBORO, NC

December 2018					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	20	20	21	24
Aluminum	mg/L	0.16	<0.01	0.29	<0.01
Calcium	mg/L	3.2	12.3	3.5	16.8
Carbon Dioxide	mg/L	5	4	8	6
Chloride	mg/L	6	10	10	11
Chlorine, Total	mg/L	-	2.99	-	3.00
Color	CU	37	1	57	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.10	0.68	0.09	0.08
Hardness, (EDTA)	mg/L	23	51	26	65
Iron	mg/L	0.31	<0.01	0.83	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.6	1.6	1.7	3.1
Manganese	mg/L	0.04	<0.01	0.08	<0.01
Nitrate	mg/L	0.46	0.45	0.54	0.59
PFOA	ng/L	2.7	2.8	3.0	3.0
PFOS	ng/L	14	13	19	17
pH	pH units	7.1	8.1	7.0	8.1
Phosphorus, Total	mg/L	0.02	0.71	0.03	0.86
Potassium	mg/L	2.7	2.9	2.5	2.5
Sodium	mg/L	3.4	11.8	5.0	16.2
Specific Conductance	µmho	46	139	76	196
Sulfate	mg/L	3.0	44	3.0	63
Total Dissolved Solids	mg/L	62	112	80	153
Turbidity	NTU	8.2	0.07	28.5	0.06
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