



WATER QUALITY REPORT CITY OF GREENSBORO, NC

February 2019					
PARAMETER	UNITS	TOWNSEND RAW	TOWNSEND FINISHED	MITCHELL RAW	MITCHELL FINISHED
Monthly Inorganic Averages					
Alkalinity, Total	mg/L	22	22	24	26
Aluminum	mg/L	0.20	<0.01	0.31	<0.01
Calcium	mg/L	4.3	13.0	5.0	14.4
Carbon Dioxide	mg/L	5	4	8	6
Chloride	mg/L	11	16	12	14
Chlorine, Total	mg/L	-	2.97	-	3.02
Color	CU	26	1	49	1
Copper	mg/L	<0.05	<0.05	<0.05	<0.05
Fluoride	mg/L	0.09	0.64	0.08	0.09
Hardness, (EDTA)	mg/L	26	51	28	54
Iron	mg/L	0.39	<0.01	0.81	<0.01
Lead	mg/L	<0.003	<0.003	<0.003	<0.003
Magnesium	mg/L	1.8	1.9	2.0	2.3
Manganese	mg/L	0.06	<0.01	0.27	<0.01
Nitrate	mg/L	0.39	0.46	0.44	0.49
PFOA	ng/L	2.6	2.6	3.1	3.3
PFOS	ng/L	14	13	21	23
pH	pH units	7.2	8.1	7.1	8.1
Phosphorus, Total	mg/L	0.04	1.24	0.03	1.01
Potassium	mg/L	2.2	2.2	2.0	2.1
Sodium	mg/L	5.2	14.9	4.8	16.8
Specific Conductance	µmho/cm	81	188	79	172
Sulfate	mg/L	6.0	45	6.0	60
Total Dissolved Solids	mg/L	63	142	69	142
Turbidity	NTU	6.2	0.05	20.6	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