City of Greensboro

2018 Water Quality Report City of Greensboro, NC

ANALYSES	UNITS	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		MAX.	MIN.	AVG.
		Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell	Townsend	Mitchell			
ALKALINITY	mg/L	29	35	27	32	27	28	27	28	25	34	27	37	29	40	30	31	31	28	25	23	21	21	20	24	40	20	28
ALUMINUM	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	.01	<0.01	<0.01	<0.01	<0.01	<0.01	.02	<0.01	.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	.02	<0.01	<0.01
ANTIMONY	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
ARSENIC	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
BARIUM	mg/L	-	-	-	-	<0.400	<0.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.400	<0.400	<0.400
BERYLLIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
CADMIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
CALCIUM	mg/L	12.3	10.6	11.6	10.0	11.3	10.6	10.7	7.0	13.3	10.7	13.8	10.8	12.5	11.1	14.4	9.8	14.2	9.0	12.1	15.5	15.6	19.3	12.3	16.8	19.3	7.0	12.3
CARBON DIOXIDE	mg/L	4	6	4	6	5	6	5	7	4	7	4	6	4	5	4	8	4	6	4	5	4	6	4	6	8	4	5
CHLORIDE	mg/L	11.0	12.0	11.0	21.0	9.0	15.0	10.0	14.0	13.0	16.0	14.0	15.0	16.0	17.0	13.0	13.0	12.0	11.0	11.0	9.0	8.0	9.0	10.0	11.0	21.0	8.0	12.5
CHLORINE (TOTAL)	mg/L	2.95	2.99	2.92	2.99	2.94	2.97		2.65	3.00	2.93	2.95	3.00	2.98	3.00	2.97	3.01	3.00	3.01	2.99	3.01	2.97	2.99	2.99	3.00	3.01	2.65	2.97
CHROMIUM	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
COLOR	mg/L	1.2	2.0	0.5	1.2	0.5	0.5	1.2	1.4	0.2	1.0	1.5	2.5	0.4	1.8	0.5	3.2	1.5	3.0	1.6	1.4	0.8	1.2	0.8	1.0	3.2	0.2	1.3
COPPER	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CYANIDE, TOTAL	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
FLUORIDE	mg/L	0.68	0.11	0.60	0.11	0.54	0.11	0.51	0.11	0.44	0.10	0.43	0.11	0.45	0.13	0.41	0.12	0.51	0.10	0.73	0.09	0.62	0.09	0.68	0.08	0.73	0.08	0.33
HARDNESS	mg/L	58	52	75	45	92	38	57	37	54	43	56	52	58	53	61	40	62	40	58	65	55	67	51	65	92	37	56
IRON	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
LEAD	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
MAGNESIUM	mg/L	2.4	2.5	2.2	2.6	2.5	2.4	2.2	2.6	2.8	3.2	2.9	2.7	3.0	2.9	2.6	2.1	2.4	2.1	1.7	1.5	1.6	1.7	1.6	3.1	3.2	1.5	2.4
MANGANESE	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MERCURY	u mho/cm	-	-	-	-	<.0002	<.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<.0002	<.0002	<.0002
NICKEL	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
NITRATE (AS N)	mg/L	0.21	0.21	0.18	0.34	0.30	0.44	0.27	0.38	0.11	0.26	0.22	0.40	0.20	0.38	0.19	0.48	0.25	0.53	0.28	0.73	0.39	0.66	0.45	0.59	0.73	0.11	0.35
pH	pH Units	8.0	8.1	8.0	8.1	7.5	7.5	7.4	7.3	7.9	7.9	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2	7.3	8.0
PHOSPHORUS, TOTAL	mg/L	2.38	2.43	2.60	2.79	3.26	2.83	3.40	2.70	2.66	2.72	2.95	3.14	2.84	2.64	2.78	2.48	2.78	2.28	2.81	1.88	2.82	2.86	2.56	2.59	3.40	1.88	2.72
POTASSIUM	mg/L	2.5	2.4	2.4	2.6	2.3	2.1	2.1	2.1	3.1	3.1	2.8	2.4	2.5	2.6	2.6	3.2	2.7	3.0	2.9	3.1	3.1	3.4	2.9	2.5	3.4	2.1	2.7
SELENIUM	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
SODIUM	mg/L	11.5	12.3	10.8	20.8	9.5	15.3	10.4	14.2	13.2	15.6	13.7	15.0	15.6	16.9	13.5	13.2	11.6	11.2	10.8	8.9	8.2	9.4	9.8	11.3	20.8	8.2	12.6
SPEC. CONDUCTANCE	µ mho/cm	203	239	205	250	203	235	211	235	225	228	240	240	239	235	235	223	232	240	213	242	201	225	134	199	250	134	222
SULFATE	mg/L	41.8	34.8	38.2	40.2	14.0	28.2	13.8	23.4	28.0	26.5	43.5	39.0	50.0	46.8	42.8	47.0	41.2	49.2	44.4	62.0	54.0	70.5	43.6	62.6	70.5	13.8	41.1
THALLIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
TOTAL DISS. SOLIDS	mg/L	134	137	111	138	138	170	144	136	127	130	124	138	123	142	127	144	134	142	122	151	118	160	112	153	170	111	136
TURBIDITY	NTU	.15	.13	.13	.12	.13	.08	.09	.09	.09	.11	.11	.13	.13	.14	.17	.24	.17	.13	.15	.09	.10	.08	.12	.10	.24	.08	.12
ZINC	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01