City of Greensboro

2021 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	25	28	25	27	24	26	26	29	27	34	28	39	30	43	32	44	35	46	39	42	36	38	33	34	46	24	33
ALUMINUM	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	.04	<0.01	<0.01	<0.01			.04	<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	9.6	9.8	11.7	9.0	9.7	9.8	8.4							15.1	14.8	15.3	14.4	14.0	7.0	14.4	14.1	13.4	13.8	15.3	7.0	12.0
CARBON DIOXIDE	mg/L	5	5	5	5	5	5	5	5	5	4	4	4	4	5	4	4	5	4	5	4	5	3	7	6	7	3	5
CHLORIDE	mg/L	8.0	9.0	9.0	10.0	8.0	10.0	11.0	11.0	10.0	12.0	11.0	10.0	11.0	12.0	10.0	11.0	10.0	12.0	10.0	11.0	11.0	11.0	9.0	11.0	12.0	8.0	10.3
CHLORINE (TOTAL)	mg/L	2.95	3.03	2.96	3.03	2.94	2.94	2.95	2.97	2.94	3.00	2.96	3.00	2.95	2.98	2.98	3.00	3.03	2.99	3.04	2.99	3.04	2.97	3.01		3.04	2.94	2.98
CHROMIUM	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
COLOR	mg/L	0.0	0.2	1.5	0.2	1.4	2.0	0.2	1.2	1.0	1.0	0.8	0.8	0.5	0.5	0.4	1.2	1.5	1.0	1.8	2.2	0.2	0.6	1.0	1.0	2.2	0.0	0.9
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	0.79	0.10	0.69	0.10	0.71	0.08	0.73	0.08	0.70	0.11	0.75	0.11	0.70	0.12	0.75	0.11	0.77	0.13	0.85	0.13	0.84	0.13	0.72	0.15	0.85	0.08	0.43
HARDNESS	mg/L	53	49	48	53	49	45	48	39	48	44	50	50	49	53	49	53	51	54	54	52	51	51	48	48	54	39	50
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	1.9	2.2	2.1	2.3	1.9	2.1	2.0	2.4							2.7	2.9	2.6	2.7	2.9	3.0	2.8	2.7	2.6	2.9	3.0	1.9	2.5
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	0.37	0.60	0.30	0.46	0.37	0.59	0.36	0.48	0.24	0.36	0.03	0.07	0.00	0.00	0.00	0.15	0.00	0.28	0.00	0.11	0.00	0.00	0.00	0.00	0.60	0.00	0.20
pH	pH Units	8.1	8.2	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1	8.1	7.4	7.2	8.2	7.2	8.0
PHOSPHORUS, TOTAL	mg/L	2.90	2.65	2.58	2.41	3.17	3.01	3.42	2.98	3.32	3.02	2.99	2.79	2.42	2.30	2.78	2.24	2.62	2.04	2.54	2.26	2.60	2.33	3.12	2.22	3.42	2.04	2.70
POTASSIUM	mg/L	2.5	2.4	2.4	2.1	2.0	1.9	2.0	2.2							2.3	2.4	2.3	2.5	2.4	2.7	2.3	2.4	2.3	2.7	2.7	1.9	2.3
SELENIUM	mg/L	-	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005
SODIUM	mg/L	7.8	9.1	9.0	10.3	8.4	10.1	10.7	11.0	9.9	11.7	11.3	10.4	10.6	12.1	10.3	11.2	9.7	11.6	10.1	11.1	10.9	11.4	9.4	11.5	12.1	7.8	10.4
SPEC. CONDUCTANCE	µ mho/cm	193	185	148	180	173	173	175	146	179	159	187	205	189	206	188	149	190	131	197	158	185	175	171	137	206	131	174
SULFATE	mg/L	31.0	43.0	26.2	40.0	28.4	37.6	37.2	38.8	37.2	35.2	46.8	44.0	46.2	50.0	45.4	43.2	44.0	44.8	43.5	45.0	40.2	40.8	27.8	35.3	50.0	26.2	39.6
THALLIUM	mg/L	-	-	-	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	<0.001
TOTAL DISS. SOLIDS	mg/L	106	116	99	115	108	130	112	136	108	118	107	122	88	118	103	113	111	124	112	116	100	111	104	98	136	88	111
TURBIDITY	NTU	.14	.10	.14	.10	.13	.10	.10	.09	.14	.09	.18	.12	.17	.11	.21	.12	.25	.12	.26	.11	.21	.11	.15	.11	.26	.09	.14
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	.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	.02	<0.01	<0.01