

DISINFECTION BY-PRODUCTS RESULTS (2021)

Water Utility Towers, Reservoirs, and Pump Stations

DISINFECTION BY-PRODUCTS	MAXIMUM	UNITS	#106	#106	#126	#126	#225	#225	#229	#229	#229	#229
			1/20	7/19	1/20	7/19	1/19	7/20	1/19	4/20	7/20	10/13
Bromodichloromethane	2.8	ppb	0.46	ND	ND	ND	ND	0.83	2.0	2.0	2.8	2.8
Bromoform	1.0	ppb	0.47	ND	ND	ND	ND	ND	0.50	1.0	0.74	0.82
Chloroform	2.2	ppb	ND	ND	ND	ND	ND	1.3	1.4	1.6	2.2	1.9
Dibromochloromethane	2.6	ppb	0.68	0.27	0.33	0.29	0.24	0.47	1.8	2.0	2.4	2.6
Total Trihalomethanes (TTHM)	8.1	ppb	1.6	0.3	0.3	0.3	0.2	2.6	5.7	6.6	8.1	8.1
Dibromoacetic acid	0.9	ppb	NS	NS	NS	NS	NS	NS	0.68	0.55	0.90	0.71
Dichloroacetic acid	0.9	ppb	NS	NS	NS	NS	NS	NS	0.65	0.64	0.93	0.72
Monobromoacetic acid	0.4	ppb	NS	NS	NS	NS	NS	NS	0.21	ND	0.35	ND
Monochloroacetic acid	0.0	ppb	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND
Trichloroacetic acid	0.00	ppb	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND
Total Haloacetic Acid (HAA5)	2.2	ppb	NS	NS	NS	NS	NS	NS	1.5	1.2	2.2	1.4

DISINFECTION BY-PRODUCTS	MAXIMUM	UNITS	Isthmus Engineering & Manufacturing			
			1/19	4/20	7/20	10/13
Bromodichloromethane	1.5	ppb	0.59	0.62	1.0	1.5
Bromoform	0.0	ppb	ND	ND	ND	ND
Chloroform	1.9	ppb	0.79	0.92	1.9	1.7
Dibromochloromethane	0.9	ppb	0.29	0.39	0.49	0.91
Total Trihalomethanes (TTHM)	4.1	ppb	1.7	1.9	3.4	4.1
Dibromoacetic acid	0.2	ppb	ND	ND	ND	0.15
Dichloroacetic acid	0.5	ppb	0.41	0.38	0.53	0.50
Monobromoacetic acid	0.0	ppb	ND	ND	ND	ND
Monochloroacetic acid	0.0	ppb	ND	ND	ND	ND
Trichloroacetic acid	0.0	ppb	ND	ND	ND	ND
Total Haloacetic Acid (HAA5)	0.7	ppb	0.4	0.4	0.5	0.7

ND = not detected

NS = not sampled

ppb = parts per billion, or micrograms/liter (ug/L)