

DISINFECTION BY-PRODUCTS RESULTS (2017)

Water Utility Towers, Reservoirs, and Pump Stations

DISINFECTION BY-PRODUCTS	MAXIMUM	UNITS	#106	#106	#213	#215	#313	#313	#229	#229	#229	#229	#315	#315
			1/24	7/17	10/16	1/18	4/19	10/16	1/24	4/18	7/18	10/17	4/19	10/16
Bromodichloromethane	4.2	ppb	0.49	1.2	2.9	1.2	2.5	2.8	2.2	3.9	3.7	4.2	2.7	2.9
Bromoform	2.0	ppb	0.92	1.8	1.3	0.55	0.85	1.3	0.41	0.45	0.52	0.72	1.2	2.0
Chloroform	3.9	ppb	ND	0.48	2.2	0.83	1.6	1.6	1.7	3.7	3.5	3.9	1.8	1.5
Dibromochloromethane	3.8	ppb	1.0	2.4	3.3	1.3	2.7	3.2	1.8	2.8	2.8	3.3	3.0	3.8
Total Trihalomethanes (TTHM)	12	ppb	2.4	5.9	9.7	3.9	7.7	8.9	6.1	11	11	12	8.7	10
Dibromoacetic acid	0.92	ppb	NS	NS	NS	NS	NS	NS	0.72	0.75	0.92	0.56	NS	NS
Dichloroacetic acid	1.3	ppb	NS	NS	NS	NS	NS	NS	0.99	1.3	1.3	0.72	NS	NS
Monobromoacetic acid	0.59	ppb	NS	NS	NS	NS	NS	NS	0.23	0.34	ND	0.59	NS	NS
Monochloroacetic acid	ND	ppb	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND	NS	NS
Trichloroacetic acid	0.70	ppb	NS	NS	NS	NS	NS	NS	0.55	0.70	0.69	0.64	NS	NS
Total Haloacetic Acid (HAA5)	3.1	ppb	NS	NS	NS	NS	NS	NS	2.5	3.1	2.9	2.5	NS	NS

DISINFECTION BY-PRODUCTS	MAXIMUM	UNITS	Isthmus Engineering & Manufacturing			
			1/24	4/18	7/18	10/17
Bromodichloromethane	3.0	ppb	1.3	2.4	3.0	2.3
Bromoform	2.2	ppb	0.65	0.99	1.4	2.2
Chloroform	1.7	ppb	0.68	1.5	1.7	1.2
Dibromochloromethane	3.1	ppb	1.5	2.5	3.1	3.1
Total Trihalomethanes (TTHM)	9.2	ppb	4.1	7.4	9.2	8.8
Dibromoacetic acid	1.2	ppb	0.74	0.79	1.0	1.2
Dichloroacetic acid	0.7	ppb	0.47	0.66	0.63	0.31
Monobromoacetic acid	0.52	ppb	0.28	0.47	0.47	0.52
Monochloroacetic acid	ND	ppb	ND	ND	ND	ND
Trichloroacetic acid	0.27	ppb	0.16	0.27	0.24	ND
Total Haloacetic Acid (HAA5)	2.3	ppb	1.7	2.2	2.3	2.0

ND = not detected
 NS = not sampled
 ppb = parts per billion, or micrograms/liter (ug/L)