

DISINFECTION BY-PRODUCTS RESULTS (2018)

Water Utility Towers, Reservoirs, and Pump Stations

DISINFECTION BY-PRODUCTS	MAXIMUM	UNITS	#106	#106	#126	#126	#225	#225	#229	#229	#229	#229
			1/16	7/17	1/16	7/17	1/16	7/17	1/17	4/17	7/17	10/16
Bromodichloromethane	3.1	ppb	0.89	0.4	0.26	0.6	0.44	1.2	2.2	2.4	3.1	2.9
Bromoform	0.9	ppb	0.86	0.8	ND	0.4	ND	0.3	ND	0.5	0.6	0.5
Chloroform	2.7	ppb	0.46	0.2	ND	0.4	0.45	1.3	2.2	1.9	2.7	2.5
Dibromochloromethane	2.8	ppb	1.3	0.8	0.31	0.8	ND	1.0	1.4	2.2	2.8	2.4
Total Trihalomethanes (TTHM)	9.2	ppb	3.5	2.2	0.6	2.2	0.9	3.8	5.8	7.0	9.2	8.3
Dibromoacetic acid	0.6	ppb	NS	NS	NS	NS	NS	NS	0.55	0.6	ND	0.6
Dichloroacetic acid	1.1	ppb	NS	NS	NS	NS	NS	NS	0.95	1.1	ND	1.0
Monobromoacetic acid	0.2	ppb	NS	NS	NS	NS	NS	NS	0.16	ND	ND	ND
Monochloroacetic acid	0.0	ppb	NS	NS	NS	NS	NS	NS	ND	ND	ND	ND
Trichloroacetic acid	0.6	ppb	NS	NS	NS	NS	NS	NS	0.56	0.5	0.5	0.5
Total Haloacetic Acid (HAA5)	2.2	ppb	NS	NS	NS	NS	NS	NS	2.2	2.2	0.5	2.1

DISINFECTION BY-PRODUCTS	MAXIMUM	UNITS	Isthmus Engineering & Manufacturing			
			1/17	4/17	7/17	10/16
Bromodichloromethane	1.9	ppb	0.98	1.3	1.9	1.1
Bromoform	1.3	ppb	0.65	1.1	1.3	0.3
Chloroform	1.1	ppb	0.56	0.5	0.9	1.1
Dibromochloromethane	2.7	ppb	1.2	2.1	2.7	0.9
Total Trihalomethanes (TTHM)	6.8	ppb	3.4	5.0	6.8	3.4
Dibromoacetic acid	0.8	ppb	0.62	0.7	0.8	ND
Dichloroacetic acid	0.5	ppb	0.24	ND	ND	ND
Monobromoacetic acid	0.0	ppb	ND	ND	ND	ND
Monochloroacetic acid	0.0	ppb	ND	ND	ND	ND
Trichloroacetic acid	0.6	ppb	ND	ND	ND	ND
Total Haloacetic Acid (HAA5)	1.5	ppb	0.9	0.7	0.8	0.0
Bromochloroacetic acid	0.7	ppb				
Bromodichloroacetic acid	0.7	ppb				
Chlorodibromoacetic acid	0.4	ppb				
Tribromoacetic acid	0.0	ppb				
Total Haloacetic Acid (HAA9)	3.2	ppb				

IEM	#229
7/17	7/17
NS	NS
NS	NS
NS	NS
NS	NS
NS	NS
0.702	0.446
0.359	0.466
ND	ND
ND	ND
ND	0.628
1.06	1.54
0.658	0.629
0.665	0.665
ND	0.374
ND	ND
2.38	3.21

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