

Chapman Creek Disinfection Bi-products (DBP) Test Results

2nd Quarter 2022

Samples collected from the Chapman Creek Water System

						GCDWQ	
Trihalomethanes	Units	CH-01	CH-11	CH-14	CH-26	Limits	Type
Chloroform	mg/L	0.009	0.035	0.030	0.043		
Bromodichloromethane	mg/L	0.001	0.002	0.001	0.002		
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.010	0.037	0.031	0.045	0.1¹	MAC
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0	<2.0	2.1		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	3.6	8.3	9.7	8.7		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	5.0	9.0	11.8	8.1		
Total Haloacetic Acids	ug/L	8.6	17.3	21.4	19.0	80¹	MAC

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

South Pender Disinfection Bi-products (DBP) Test Results

2nd Quarter 2022

Samples collected from the South Pender Water System

					GCDWQ	
Trihalomethanes	Units	SP-09	SP-03	SP-06	Limits	Type
Chloroform	mg/L	0.031	0.043	0.052		
Bromodichloromethane	mg/L	0.002	0.002	0.003		
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.033	0.046	0.054	0.1¹	MAC
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L	<2.0	2.0	2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	9.0	12.4	14.3		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	10.3	14.1	16.4		
Total Haloacetic Acids	ug/L	19.4	28.5	32.7	80¹	MAC

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North Pender Disinfection Bi-prodcuts (DBP) Test Results

2nd Quarter 2022

Samples collected from the North Pender Water System

				GCDWQ	
Trihalomethanes	Units	NP-07	NP-08	Limits	Type
Chloroform	mg/L	0.123	0.012		
Bromodichloromethane	mg/L	0.006	<0.001		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.129	0.012	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	3.5	2.3		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	38.6	18.8		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	93.4	17.8		
Total Haloacetic Acids	ug/L	135.4	38.9	80¹	MAC

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Ruby Lake Disinfection Bi-Products (DBP) Test Results

2nd Quarter 2022

Samples collected from the Ruby Lake Water System

				GCDWQ	
Trihalomethanes	Units	RL-01	RL-03	Limits	Type
Chloroform	mg/L	0.060	0.085		
Bromodichloromethane	mg/L	0.004	0.005		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.064	0.091	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	2.6	2.4		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	24.3	25.8		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	35.6	34.5		
Total Haloacetic Acids	ug/L	62.4	62.7	80¹	MAC

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Egmont Disinfection Bi-products (DBP) Test Results

2nd Quarter 2022

Samples collected from the Egmont Water System

				GCDWQ	
Trihalomethanes	Units	EG-01	EG-02	Limits	Type
Chloroform	mg/L	0.097	0.129		
Bromodichloromethane	mg/L	0.002	0.003		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.099	0.131	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	2.2	3.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	20.1	46.4		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	46.5	100.0		
Total Haloacetic Acids	ug/L	68.8	149.4	80¹	MAC

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Eastbourne Disinfection Bi-products (DBP) Test Results

2nd Quarter 2022

Samples collected from the Eastbourne Water System

				GCDWQ	
Trihalomethanes	Units	20.1	20.3	Limits	Type
Chloroform	mg/L	0.002	0.005		
Bromodichloromethane	mg/L	0.002	0.006		
Dibromochloromethane	mg/L	0.002	0.004	0.016	MAC
Bromoform	mg/L	0.001	0.001		
Total Trihalomethanes	mg/L	0.007	0.016	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	2.5	3.8		
Bromochloroacetic Acid (BCAA)	ug/L	2.3	2.9		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	2.3	2.9		
Total Haloacetic Acids	ug/L	7.1	9.6	80¹	MAC

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Langdale Disinfection Bi-products (DBP) Test Results

2nd Quarter 2022

Samples collected from the Langdale Water System

				GCDWQ	
Trihalomethanes	Units	LA-01	LA-04	Limits	Type
Chloroform	mg/L	<0.001	0.001		
Bromodichloromethane	mg/L	<0.001	<0.001		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	<0.001	0.001	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	<2.0	<2.0		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	<2.0	<2.0		
Total Haloacetic Acids	ug/L	<12.0	<12.0	80¹	MAC

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Soames Disinfection Bi- Products (DBP) Test Results

2nd Quarter 2022

Samples collected from the Soames and Granthams Water Systems

					GCDWQ	
Trihalomethanes	Units	SO-01	SO-03	GL-02	Limits	Type
Chloroform	mg/L	<0.001	<0.001	<0.001		
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001		
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	0.001	0.002	0.001		
Total Trihalomethanes	mg/L	0.001	0.002	0.001	0.1¹	MAC
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	<2.0	<2.0	<2.0		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	<2.0	<2.0	<2.0		
Total Haloacetic Acids	ug/L	<12.0	<12.0	<12.0	80¹	MAC

mg/L = Milligrams per Liter

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