

Chapman Creek Disinfection By-products (DPB) Test Results

Date: 3rd 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	0.010	0.034	0.026	0.028		
Bromodichloromethane	mg/L	0.002	0.002	0.001	0.003		
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.002	0.016	MAC
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.011	0.037	0.028	0.031	0.1¹	MAC
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0	<2.0	2.4		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	4.9	8.7	10.3	7.7		
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	6.1	8.6	12.9	9.4		
Total Haloacetic Acids	ug/L	11.0	17.4	23.2	19.5	80¹	MAC

mg/L = Milligrams per Liter

ug/L = Micrograms per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

South Pender Disinfection By-products (DBP) Test Results

Date: 3rd Quarter

Samples collected from the South Pender Water System

					GCDWQ	
Trihalomethanes	Units	SP-09	SP-03	SP-06	Limits	Type
Chloroform	mg/L	0.017	0.035	0.043		
Bromodichloromethane	mg/L	0.002	0.002	0.002		
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	0.019	0.036	0.045	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	6.5	10.7	13.2		
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	9.0	14.7	18.2		
Total Haloacetic Acids	ug/L	15.5	25.4	31.3	80¹	MAC

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North Pender Disinfection By-prodcuts (DBP) Test Results

Date: 3rd Quarter

Samples collected from the North Pender Water System

				GCDWQ	
Trihalomethanes	Units	NP-07	NP-08	Limits	Type
Chloroform	mg/L	0.127	0.015		
Bromodichloromethane	mg/L	0.005	<0.001		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.132	0.015	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	4.9	2.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	44.8	22.1		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	102.9	19.2		
Total Haloacetic Acids	ug/L	152.6	43.7	80¹	MAC

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Ruby Lake Disinfection By-Products (DBP) Test Results

Date: 3rd Quarter

Samples collected from the Ruby Lake Water System

				GCDWQ	
Trihalomethanes	Units	RL-01	RL-03	Limits	Type
Chloroform	mg/L	0.058	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	0.062	0.090	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	25.1	23.8		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	39.7	31.8		
Total Haloacetic Acids	ug/L	67.3	58.0	80¹	MAC

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Egmont Disinfection By-products (DBP) Test Results

Date: 3rd Quarter

Samples collected from the Egmont Water System

				GCDWQ	
Trihalomethanes	Units	EG-01	EG-02	Limits	Type
Chloroform	mg/L	0.075	0.129		
Bromodichloromethane	mg/L	0.003	0.003		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.078	0.131	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	2.2	3.4		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	12.4	50.8		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	41.5	115.5		
Total Haloacetic Acids	ug/L	56.1	169.7	80¹	MAC

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Eastbourne Disinfection By-products (DBP) Test Results

Date: 3rd Quarter

Samples collected from the Eastbourne Water System

				GCDWQ	
Trihalomethanes	Units	20.1	20.3	Limits	Type
Chloroform	mg/L	<0.001	0.003		
Bromodichloromethane	mg/L	<0.001	0.004		
Dibromochloromethane	mg/L	<0.001	0.003	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	<0.001	0.010	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	2.1		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	2.2		
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	4.2	80¹	MAC

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Langdale Disinfection By-products (DBP) Test Results

Date: 3rd Quarter

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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Granthams Disinfection By-products (DBP) Test Results

Date: 3rd Quarter

Granthams pump station offline. GL-02 running off of Soames Well

				GCDWQ	
Trihalomethanes	Units	GL-01	GL-02	Limits	Type
Chloroform	mg/L		<0.001		
Bromodichloromethane	mg/L		<0.001		
Dibromochloromethane	mg/L		<0.001	0.016	MAC
Bromoform	mg/L		<0.001		
Total Trihalomethanes	mg/L	0.0	<0.001	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L		<2.0		
Monobromoacetic Acid (MBAA)	ug/L		<2.0		
Dichloroacetic Acid (DCAA)	ug/L		<2.0		
Bromochloroacetic Acid (BCAA)	ug/L		<2.0		
Dibromoacetic Acid (DBAA)	ug/L		<2.0		
Trichloroacetic Acid (TCAA)	ug/L		<2.0		
Total Haloacetic Acids	ug/L	0	<12.0	80¹	MAC

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Soames Disinfection By Products (DBP) Test Results

Date: 3rd Quarter

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	<0.001	<0.001		
Total Trihalomethanes	mg/L	<0.001	<0.001	<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

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Chaster Well Disinfection By Products (DBP) Test Results

Date: 3rd Quarter

Samples collected from the Chaster Well Water System

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

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