

Chapman Creek Disinfection By-products (DPB) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Chapman Creek Water System

						GCDWQ ³	
Trihalomethanes	Units	CH-01	CH-11	CH-14	CH-26	Limits	MAC /ALARA ⁴
Chloroform	mg/L ¹	0.036	0.045	0.021	0.047		
Bromodichloromethane	mg/L	0.001	0.003	0.001	0.003		
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	0.037	0.047	0.022	0.049	0.1⁵	MAC
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L ²	<2.0	2.1	<2.0	2.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	17.1	9.0	6.9	10.2		
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	5.5	10.7	5.8	10.2		
Total Haloacetic Acids	ug/L	22.5	21.8	12.7	22.9	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

South Pender Disinfection By-products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the South Pender Water System

					GCDWQ ³	
Trihalomethanes	Units	SP-09	SP-03	SP-06	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	0.023	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	0.024	0.046	0.054	0.1⁵	MAC
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L ²	2.4	2.1	2.7		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	8.0	13.6	15.7		
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	9.7	15.3	16.9		
Total Haloacetic Acids	ug/L	20.07	30.93	35.28	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

North Pender Disinfection By-prodcuts (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the North Pender Water System

				GCDWQ ³	
Trihalomethanes	Units	NP-07	NP-08	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	0.130	0.021		
Bromodichloromethane	mg/L	0.006	0.002		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.136	0.023	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	2.9	2.4		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	43.9	17.5		
Bromochloroacetic Acid (BCAA)	ug/L	2.1	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	109.9	12.3		
Total Haloacetic Acids	ug/L	158.8	32.2	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Resonably Achievable)

5 - Expressed as a running annual average

Ruby Lake Disinfection By-Products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Ruby Lake Water System

				GCDWQ ³	
Trihalomethanes	Units	RL-01	RL-03	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	0.058	0.092		
Bromodichloromethane	mg/L	0.005	0.006		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.062	0.098	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	2.7	2.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	21.7	26.9		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	27.9	34.8		
Total Haloacetic Acids	ug/L	52.3	64.2	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

Egmont Disinfection By-products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Egmont Water System

				GCDWQ ³	
Trihalomethanes	Units	EG-01	EG-02	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	0.084	0.138		
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	0.086	0.141	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	2.5	2.7		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	32.0	48.2		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	51.6	97.6		
Total Haloacetic Acids	ug/L	86.2	148.5	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

Eastbourne Disinfection By-products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Eastbourne Water System

				GCDWQ ³	
Trihalomethanes	Units	20.1	20.3	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	0.014	0.024		
Bromodichloromethane	mg/L	0.004	0.003		
Dibromochloromethane	mg/L	0.004	0.003	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.022	0.031	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	2.6	<2.0		
Bromochloroacetic Acid (BCAA)	ug/L	2.5	2.5		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	<2.0	<2.0		
Total Haloacetic Acids	ug/L	5.1	2.5	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

Langdale Disinfection By-products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Langdale Water System

				GCDWQ ³	
Trihalomethanes	Units	LA-01	LA-04	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	<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	0.002	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	<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	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

Granthams Disinfection By-products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Granthams Water System

				GCDWQ ³	
Trihalomethanes	Units	GL-01	GL-02	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	<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	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	<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	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

Soames Disinfection By Products (DBP) Test Results

2021 First Quarter Running Annual Average Results

Samples collected from the Soames Water System

				GCDWQ ³	
Trihalomethanes	Units	SO-01	SO-03	Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	<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	0.1⁵	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L ²	<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	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average

Katherine Lake Disinfection By Products Test (DBP) Results

2021 First Quarter Running Annual Average Results

Samples collected from the Katherine Lake Water System

Trihalomethanes	Units	KA-01	GCDWQ ³	
			Limits	MAC/ALARA ⁴
Chloroform	mg/L ¹	0.0013		
Bromodichloromethane	mg/L	0.0003		
Dibromochloromethane	mg/L	0.0000	0.016	MAC
Bromoform	mg/L	0.0000		
Total Trihalomethanes	mg/L	0.0016	0.1⁵	MAC
Haloacetic Acids				
Monochloroacetic Acid (MCAA)	ug/L ²	<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	<2.0	80⁵	ALARA

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - MAC/ALARA (Maximum Acceptable Concentration/As Low As Reasonably Achievable)

5 - Expressed as a running annual average