Chapman Creek Disinfection By-products (DPB) Test Results

2021 Second 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**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.024	0.044	0.021	0.048		
Bromodichloromethane	mg/L	0.001	0.003	0.002	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**	**0.025**	**0.047**	**0.022**	**0.051**	**0.1** [5]	**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	10.8	8.7	6.8	9.8		
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	4.6	10.7	5.9	10.4		
Total Haloacetic Acids	**ug/L**	**15.4**	**21.5**	**12.7**	**22.7**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

South Pender Disinfection By-products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the South Pender Water System

					GCDWQ[3]	
Trihalomethanes	**Units**	**SP-09**	**SP-03**	**SP-06**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.021	0.041	0.048		
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**	**0.023**	**0.043**	**0.050**	**0.1** [5]	**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	7.9	13.1	14.9		
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	9.4	14.5	16.0		
Total Haloacetic Acids	**ug/L**	**19.6**	**29.7**	**33.7**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

North Pender Disinfection By-prodcuts (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the North Pender Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**NP-07**	**NP-08**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.125	0.032		
Bromodichloromethane	mg/L	0.005	0.002		
Dibromochloromethane	mg/L	<0.001	<0.001	**0.016**	**MAC**
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	**mg/L**	**0.130**	**0.034**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	3.2	2.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	44.4	20.5		
Bromochloroacetic Acid (BCAA)	ug/L	2.1	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	113.8	18.6		
Total Haloacetic Acids	**ug/L**	**163.4**	**41.7**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Ruby Lake Disinfection By-Products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Ruby Lake Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**RL-01**	**RL-03**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.054	0.085		
Bromodichloromethane	mg/L	0.004	0.006		
Dibromochloromethane	mg/L	<0.001	<0.001	**0.016**	**MAC**
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	**mg/L**	**0.058**	**0.090**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2.5	2.4		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	21.4	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	27.9	34.5		
Total Haloacetic Acids	**ug/L**	**51.7**	**62.7**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Egmont Disinfection By-products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Egmont Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**EG-01**	**EG-02**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.077	0.128		
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**	**0.079**	**0.131**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2.8	3.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	33.2	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	55.2	100.0		
Total Haloacetic Acids	**ug/L**	**91.2**	**149.4**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Eastbourne Disinfection By-products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Eastbourne Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**20.1**	**20.3**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.014	0.030		
Bromodichloromethane	mg/L	0.003	0.003		
Dibromochloromethane	mg/L	0.003	0.003	**0.016**	**MAC**
Bromoform	mg/L	<0.001	0.001		
Total Trihalomethanes	**mg/L**	**0.019**	**0.037**	**0.1** [5]	**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	2.2	2.3		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	<2.0	<2.0		
Total Haloacetic Acids	**ug/L**	**2.2**	**4.3**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Langdale Disinfection By-products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Langdale Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**LA-01**	**LA-04**	**Limits**	**AO/MAC[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**	**0.1** [5]	**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**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Granthams Disinfection By-products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Granthams Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**GL-01**	**GL-02**	**Limits**	**AO/MAC[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**	**0.1** [5]	**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**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Soames Disinfenction By Products (DBP)Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Soames Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**SO-01**	**SO-03**	**Limits**	**AO/MAC[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**	**0.1** [5]	**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**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Chaster Well Disinfenction By Products (DBP) Test Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Chaster Well Water System

			GCDWQ[3]	
Trihalomethanes	**Units**	**CW-01**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	<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**	**0.1** [5]	**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**	**<12.0**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average

Katherine Lake Disinfenction By Products Test (DBP) Results

2021 Second Quarter Running Annual Average Results

Samples collected from the Katherine Lake Water System

			GCDWQ[3]	
Trihalomethanes	**Units**	**KA-01**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.002		
Bromodichloromethane	mg/L	0.001		
Dibromochloromethane	mg/L	<0.001	**0.016**	**MAC**
Bromoform	mg/L	<0.001		
Total Trihalomethanes	**mg/L**	**0.003**	**0.1** [5]	**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**	**<12.0**	**80** [5]	**MAC**

1 - milligrams per litre (parts per million)

2 - micrograms per litre (parts per billion)

3 - Guidelines for Canadian Drinking Water Quality

4 - AO/MAC (Aesthetic Objective / Maximum Acceptable Concentration)

5 - Expressed as a running annual average