Chapman Creek Disinfection By-products (DPB) Test Results

2020 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]	0.019	0.060	0.035	0.043		
Bromodichloromethane	mg/L	<0.001	0.001	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**	**0.019**	**0.061**	**0.036**	**0.045**	**0.1** [5]	**MAC**
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L[2]	<2.0	<2.0	<2.0	1.9		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	9.9	11.8	10.4	6.2		
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	5.6	19.2	15.3	9.5		
Total Haloacetic Acids	**ug/L**	**15**	**31**	**26**	**18**	**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

2020 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]	0.029	0.049	0.060		
Bromodichloromethane	mg/L	0.002	0.003	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**	**0.031**	**0.052**	**0.063**	**0.1** [5]	**MAC**
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	8.9	13.5	15.2		
Bromochloroacetic Acid (BCAA)	ug/L	0.0	2.0	2.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	10.6	14.9	16.7		
Total Haloacetic Acids	**ug/L**	**19.5**	**30.4**	**33.9**	**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

2020 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]	0.120	0.022		
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**	**0.125**	**0.023**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	36	14		
Bromochloroacetic Acid (BCAA)	ug/L	2	2		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	90	11		
Total Haloacetic Acids	**ug/L**	**130**	**28**	**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

2020 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]	0.063	0.109		
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**	**0.068**	**0.115**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2	0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	0		
Dichloroacetic Acid (DCAA)	ug/L	21	0.0		
Bromochloroacetic Acid (BCAA)	ug/L	2	0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	0		
Trichloroacetic Acid (TCAA)	ug/L	31.7	0.0		
Total Haloacetic Acids	**ug/L**	**56.6**	**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

Egmont Disinfection By-products (DBP) Test Results

2020 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]	0.076	0.136		
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**	**0.078**	**0.139**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2	0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	0		
Dichloroacetic Acid (DCAA)	ug/L	26.6	0		
Bromochloroacetic Acid (BCAA)	ug/L	2	0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	0		
Trichloroacetic Acid (TCAA)	ug/L	49.4	0		
Total Haloacetic Acids	**ug/L**	**80**	**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

Eastbourne Disinfection By-products (DBP) Test Results

2020 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]	0.004	0.003		
Bromodichloromethane	mg/L	0.006	0.004		
Dibromochloromethane	mg/L	0.005	0.004	**0.016**	**MAC**
Bromoform	mg/L	0.001	0.002		
Total Trihalomethanes	**mg/L**	**0.016**	**0.013**	**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	2.3	1.5		
Bromochloroacetic Acid (BCAA)	ug/L	2.7	2.1		
Dibromoacetic Acid (DBAA)	ug/L	2.2	1.5		
Trichloroacetic Acid (TCAA)	ug/L	1.3	<2.0		
Total Haloacetic Acids	**ug/L**	**8**	**5**	**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

2020 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	0.002		
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**	**0.003**	**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**	**<2.0**	**<2.0**	**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

2020 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]	0.002	<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**	**<2.0**	**<2.0**	**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

2020 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**	**<2.0**	**<2.0**	**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

2020 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]			
Bromodichloromethane	mg/L			
Dibromochloromethane	mg/L		**0.016**	**MAC**
Bromoform	mg/L			
Total Trihalomethanes	**mg/L**		**0.1** [5]	**MAC**
Haloacetic Acids				
Monochloroacetic Acid (MCAA)	ug/L[2]			
Monobromoacetic Acid (MBAA)	ug/L			
Dichloroacetic Acid (DCAA)	ug/L			
Bromochloroacetic Acid (BCAA)	ug/L			
Dibromoacetic Acid (DBAA)	ug/L			
Trichloroacetic Acid (TCAA)	ug/L			
Total Haloacetic Acids	**ug/L**		**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

2020 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	0.000	**0.016**	**MAC**
Bromoform	mg/L	0.000		
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	1		
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**	**1**	**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