Chapman Creek Disinfection By-products (DPB) Test Results

2020 Fourth 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]	0.035	0.050	0.020	0.045		
Bromodichloromethane	mg/L	0.002	0.002	0.002	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**	**0.037**	**0.052**	**0.022**	**0.047**	**0.1** [5]	**MAC**
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L[2]	<2.0	2.1	<2.0	2.3		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	17.2	9.1	6.7	10.9		
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	11.7	5.6	10.2		
Total Haloacetic Acids	**ug/L**	**22.7**	**22.9**	**12.3**	**23.3**	**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

South Pender Disinfection By-products (DBP) Test Results

2020 Fourth 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]	0.022	0.041	0.052		
Bromodichloromethane	mg/L	0.001	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**	**0.055**	**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	8.5	13.4	16.1		
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	9.8	15.0	17.3		
Total Haloacetic Acids	**ug/L**	**20.7**	**30.6**	**36.1**	**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

North Pender Disinfection By-prodcuts (DBP) Test Results

2020 Fourth 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]	0.122	0.024		
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**	**0.127**	**0.026**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2.8	2.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	41.6	15.3		
Bromochloroacetic Acid (BCAA)	ug/L	2.1	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	106.7	11.6		
Total Haloacetic Acids	**ug/L**	**153.2**	**29.3**	**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

Ruby Lake Disinfection By-Products (DBP) Test Results

2020 Fourth 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]	0.059	0.091		
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**	**0.063**	**0.097**	**0.1** [5]	**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	22.9	22.2		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	28.9	37.8		
Total Haloacetic Acids	**ug/L**	**54.3**	**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

2020 Fourth 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]	0.087	0.130		
Bromodichloromethane	mg/L	0.002	0.002		
Dibromochloromethane	mg/L	<0.001	<0.001	**0.016**	**MAC**
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	**mg/L**	**0.089**	**0.132**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	2.6	2.7		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	34.2	46.6		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	69.8	88.6		
Total Haloacetic Acids	**ug/L**	**106.6**	**137.9**	**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

Eastbourne Disinfection By-products (DBP) Test Results

2020 Fourth 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]	0.002	0.002		
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**	**0.010**	**0.010**	**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	2.6	<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**	**<2.0**	**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

Langdale Disinfection By-products (DBP) Test Results

2020 Fourth 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**	**<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 Fourth 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**	**<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 Fourth 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
Chaster Well was not sampled in for DBP in the fourth quarter

Katherine Lake Disinfenction By Products Test (DBP) Results

2020 Fourth 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]	0.003		
Bromodichloromethane	mg/L	0.001		
Dibromochloromethane	mg/L	<0.001	**0.016**	**MAC**
Bromoform	mg/L	<0.001		
Total Trihalomethanes	**mg/L**	**0.004**	**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**	**<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