Chapman Creek Disinfection By-products (DPB) Test Results

2020 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**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.012	0.047	0.014	0.026		
Bromodichloromethane	mg/L	<0.001	0.001	<0.001	0.001		
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**	**0.012**	**0.048**	**0.014**	**0.027**	**0.1** [5]	**MAC**
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L[2]	<2.0	<2.0	<2.0	2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	5.6	9.0	5.5	8.7		
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	4.8	13.3	6.1	10.2		
Total Haloacetic Acids	**ug/L**	**10**	**22**	**12**	**21**	**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 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**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.022	0.028	0.038		
Bromodichloromethane	mg/L	0.001	0.001	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**	**0.023**	**0.029**	**0.040**	**0.1** [5]	**MAC**
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L[2]	<2.0	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	8.7	9.9	12.2		
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	8.6	11.2	14.1		
Total Haloacetic Acids	**ug/L**	**17.3**	**21.1**	**26.3**	**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

North Pender Disinfection By-prodcuts (DBP) Test Results

2020 First 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]	0.101	0.035		
Bromodichloromethane	mg/L	0.004	0.001		
Dibromochloromethane	mg/L	<0.001	<0.001	**0.016**	**MAC**
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	**mg/L**	**0.105**	**0.036**	**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	40	14		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	97	18		
Total Haloacetic Acids	**ug/L**	**138**	**32**	**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 First 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]	0.048	0.087		
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**	**0.052**	**0.092**	**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	21	5.4		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	32.8	52.6		
Total Haloacetic Acids	**ug/L**	**55.9**	**58**	**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 First 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]	0.093	0.119		
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**	**0.095**	**0.121**	**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	38.3	42		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	75.2	82		
Total Haloacetic Acids	**ug/L**	**114**	**124**	**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 First 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]	0.001	0.002		
Bromodichloromethane	mg/L	<0.001	0.003		
Dibromochloromethane	mg/L	<0.001	0.003	**0.016**	**MAC**
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	**mg/L**	**0.001**	**0.008**	**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**	**0**	**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 First 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**	**<0.001**	**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

Granthams Disinfection By-products (DBP) Test Results

2020 First 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 First 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 First 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 First 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]			
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