Chapman Creek Disinfection By-products (DPB) Test Results

2019 Second Quarter 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]	0.010	0.030	0.019	0.029		
Bromodichloromethane	mg/L	0.000	0.001	0.001	0.000		
Dibromochloromethane	mg/L	0.001	0.001	0.000	0.002	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.011**	**0.032**	**0.020**	**0.031**	**0.1** [5]	**MAC**
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	0.0	0.0	0.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0	0.0	0.0	0.0		
Dichloroacetic Acid (DCAA)	ug/L	4.7	8.2	7.1	5.5		
Bromochloroacetic Acid (BCAA)	ug/L	0.0	0.0	0.0	0.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0	0.0	0.0	0.0		
Trichloroacetic Acid (TCAA)	ug/L	5.6	10.8	6.8	9.7		
Total Haloacetic Acids	**ug/L**	**10**	**19**	**14**	**15**	**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

2019 Second Quarter 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]	0.035	0.032	0.044		
Bromodichloromethane	mg/L	0.000	0.000	0.001		
Dibromochloromethane	mg/L	0.001	0.002	0.003	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.037**	**0.035**	**0.047**	**0.1** [5]	**MAC**
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	0.0	0.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0	0.0	0.0		
Dichloroacetic Acid (DCAA)	ug/L	2.0	6.6	10.1		
Bromochloroacetic Acid (BCAA)	ug/L	0.0	0.0	0.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0	0.0	0.0		
Trichloroacetic Acid (TCAA)	ug/L	1.9	6.6	10.3		
Total Haloacetic Acids	**ug/L**	**4**	**13**	**20**	**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

2019 Second Quarter 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]	0.110	0.039		
Bromodichloromethane	mg/L	0.002	0.001		
Dibromochloromethane	mg/L	0.008	0.003	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.119**	**0.043**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	0.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0	0.0		
Dichloroacetic Acid (DCAA)	ug/L	47.0	17.1		
Bromochloroacetic Acid (BCAA)	ug/L	0.0	0.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0	0.0		
Trichloroacetic Acid (TCAA)	ug/L	91.4	12.4		
Total Haloacetic Acids	**ug/L**	**138**	**29**	**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

2019 Second Quarter 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]	0.044	0.088		
Bromodichloromethane	mg/L	0.002	0.002		
Dibromochloromethane	mg/L	0.005	0.007	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.050**	**0.097**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	1.5		
Monobromoacetic Acid (MBAA)	ug/L	0.0	0.0		
Dichloroacetic Acid (DCAA)	ug/L	15.9	24.9		
Bromochloroacetic Acid (BCAA)	ug/L	3.2	11.3		
Dibromoacetic Acid (DBAA)	ug/L	0.0	0.0		
Trichloroacetic Acid (TCAA)	ug/L	28.8	38.0		
Total Haloacetic Acids	**ug/L**	**48**	**76**	**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

2019 Second Quarter Results

Samples collected from the Egmont Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**EG-01**	**EG-02**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.073	0.135		
Bromodichloromethane	mg/L	0.000	0.001		
Dibromochloromethane	mg/L	0.003	0.004	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.075**	**0.139**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	2.3		
Monobromoacetic Acid (MBAA)	ug/L	0.0	0.0		
Dichloroacetic Acid (DCAA)	ug/L	19.2	33.3		
Bromochloroacetic Acid (BCAA)	ug/L	11.3	0.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0	0.0		
Trichloroacetic Acid (TCAA)	ug/L	13.8	82.4		
Total Haloacetic Acids	**ug/L**	**44**	**118**	**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

2019 Second Quarter Results

Samples collected from the Eastbourne Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**20.1**	**20.3**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.005	0.004		
Bromodichloromethane	mg/L	0.005	0.004		
Dibromochloromethane	mg/L	0.004	0.004	**0.016**	**MAC**
Bromoform	mg/L	0.002	0.001		
Total Trihalomethanes	**mg/L**	**0.015**	**0.013**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0	0.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0	0.0		
Dichloroacetic Acid (DCAA)	ug/L	2.6	1.3		
Bromochloroacetic Acid (BCAA)	ug/L	0.7	0.7		
Dibromoacetic Acid (DBAA)	ug/L	0.8	0.0		
Trichloroacetic Acid (TCAA)	ug/L	2.0	0.7		
Total Haloacetic Acids	**ug/L**	**6.1**	**2.6**	**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

2019 Second Quarter Results

Samples collected from the Langdale Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**LA-01**	**LA-04**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.000	0.000		
Bromodichloromethane	mg/L	0.000	0.000		
Dibromochloromethane	mg/L	0.000	0.000	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.000**	**0.000**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0	0		
Monobromoacetic Acid (MBAA)	ug/L	0	0		
Dichloroacetic Acid (DCAA)	ug/L	0	0		
Bromochloroacetic Acid (BCAA)	ug/L	0	0		
Dibromoacetic Acid (DBAA)	ug/L	0	0		
Trichloroacetic Acid (TCAA)	ug/L	0	0		
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

Granthams Disinfection By-products (DBP) Test Results

2019 Second Quarter Results

Samples collected from the Granthams Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**GL-01**	**GL-02**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.000	0.000		
Bromodichloromethane	mg/L	0.000	0.000		
Dibromochloromethane	mg/L	0.000	0.000	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.000**	**0.000**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0	0		
Monobromoacetic Acid (MBAA)	ug/L	0	0		
Dichloroacetic Acid (DCAA)	ug/L	0	0		
Bromochloroacetic Acid (BCAA)	ug/L	0	0		
Dibromoacetic Acid (DBAA)	ug/L	0	0		
Trichloroacetic Acid (TCAA)	ug/L	0	0		
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

Soames Disinfenction By Products (DBP)Test Results

2019 Second Quarter Results

Samples collected from the Soames Water System

				GCDWQ[3]	
Trihalomethanes	**Units**	**SO-01**	**SO-03**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.000	0.000		
Bromodichloromethane	mg/L	0.000	0.000		
Dibromochloromethane	mg/L	0.000	0.000	**0.016**	**MAC**
Bromoform	mg/L	0.000	0.000		
Total Trihalomethanes	**mg/L**	**0.000**	**0.000**	**0.1** [5]	**MAC**
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L[2]	0	0		
Monobromoacetic Acid (MBAA)	ug/L	0	0		
Dichloroacetic Acid (DCAA)	ug/L	0	0		
Bromochloroacetic Acid (BCAA)	ug/L	0	0		
Dibromoacetic Acid (DBAA)	ug/L	0	0		
Trichloroacetic Acid (TCAA)	ug/L	0	0		
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

Chaster Well Disinfenction By Products (DBP) Test Results

2019 Second Quarter Results

Samples collected from the Chaster Well Water System

			GCDWQ[3]	
Trihalomethanes	**Units**	**CW-01**	**Limits**	**AO/MAC[4]**
Chloroform	mg/L[1]	0.010		
Bromodichloromethane	mg/L	0.000		
Dibromochloromethane	mg/L	0.001	**0.016**	**MAC**
Bromoform	mg/L	0.000		
Total Trihalomethanes	**mg/L**	**0.011**	**0.1** [5]	**MAC**
Haloacetic Acids				
Monochloroacetic Acid (MCAA)	ug/L[2]	0.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0		
Dichloroacetic Acid (DCAA)	ug/L	1.7		
Bromochloroacetic Acid (BCAA)	ug/L	0.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0		
Trichloroacetic Acid (TCAA)	ug/L	1.3		
Total Haloacetic Acids	**ug/L**	**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

Katherine Lake Disinfenction By Products Test (DBP) Results

2019 Second Quarter 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]	0.0		
Monobromoacetic Acid (MBAA)	ug/L	0.0		
Dichloroacetic Acid (DCAA)	ug/L	1.3		
Bromochloroacetic Acid (BCAA)	ug/L	0.0		
Dibromoacetic Acid (DBAA)	ug/L	0.0		
Trichloroacetic Acid (TCAA)	ug/L	0.0		
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