

Chapman Creek Disinfection By-products (DPB) Test Results

Date: 4th Quarter

Samples collected from the Chapman Creek Water System

						GCDWQ	
Trihalomethanes	Units	CH-01	CH-11	CH-14	CH-26	Limits	Type
Chloroform	mg/L	0.015	0.035	0.029	0.028		
Bromodichloromethane	mg/L	0.002	0.002	0.001	0.003		
Dibromochloromethane	mg/L	<0.001	<0.001	<0.001	<0.002	0.016	MAC
Bromoform	mg/L	<0.001	<0.001	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.016	0.037	0.030	0.031	0.1¹	MAC
Haloacetic Acids							
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0	<2.0	2.4		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	4.9	8.7	10.9	7.7		
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	6.1	8.6	13.8	9.4		
Total Haloacetic Acids	ug/L	11.0	17.4	24.7	19.5	80¹	MAC

mg/L = Milligrams per Liter

ug/L = Micrograms per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

South Pender Disinfection By-products (DBP) Test Results

Date: 4th Quarter

Samples collected from the South Pender Water System

					GCDWQ	
Trihalomethanes	Units	SP-09	SP-03	SP-06	Limits	Type
Chloroform	mg/L	0.024	0.045	0.051		
Bromodichloromethane	mg/L	0.003	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	0.027	0.047	0.053	0.1¹	MAC
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L	<2.0	2.3	2.1		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	8.3	13.9	15.7		
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	12.0	18.7	19.8		
Total Haloacetic Acids	ug/L	20.2	34.9	37.6	80¹	MAC

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North Pender Disinfection By-prodcuts (DBP) Test Results

Date: 4th Quarter

Samples collected from the North Pender Water System

				GCDWQ	
Trihalomethanes	Units	NP-07	NP-08	Limits	Type
Chloroform	mg/L	0.138	0.038		
Bromodichloromethane	mg/L	0.006	0.004		
Dibromochloromethane	mg/L	<0.001	<0.001	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.143	0.042	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	5.3	3.1		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	51.7	30.9		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	119.5	34.9		
Total Haloacetic Acids	ug/L	176.5	68.8	80¹	MAC

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Ruby Lake Disinfection By-Products (DBP) Test Results

Date: 4th Quarter

Samples collected from the Ruby Lake Water System

				GCDWQ	
Trihalomethanes	Units	RL-01	RL-03	Limits	Type
Chloroform	mg/L	0.065	0.088		
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	0.070	0.093	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	2.5	2.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	26.0	25.3		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	35.4	29.2		
Total Haloacetic Acids	ug/L	63.9	57.0	80¹	MAC

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Egmont Disinfection By-products (DBP) Test Results

Date: 4th Quarter

Samples collected from the Egmont Water System

				GCDWQ	
Trihalomethanes	Units	EG-01	EG-02	Limits	Type
Chloroform	mg/L	0.066	0.124		
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	0.068	0.127	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	2.5	3.5		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	17.7	50.7		
Bromochloroacetic Acid (BCAA)	ug/L	<2.0	<2.0		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	64.5	114.3		
Total Haloacetic Acids	ug/L	84.6	168.4	80¹	MAC

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Eastbourne Disinfection By-products (DBP) Test Results

Date: 4th Quarter

Samples collected from the Eastbourne Water System

				GCDWQ	
Trihalomethanes	Units	20.1	20.3	Limits	Type
Chloroform	mg/L	0.005	0.005		
Bromodichloromethane	mg/L	0.005	0.005		
Dibromochloromethane	mg/L	0.003	0.003	0.016	MAC
Bromoform	mg/L	<0.001	<0.001		
Total Trihalomethanes	mg/L	0.013	0.013	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	3.9	4.0		
Bromochloroacetic Acid (BCAA)	ug/L	2.9	2.8		
Dibromoacetic Acid (DBAA)	ug/L	<2.0	<2.0		
Trichloroacetic Acid (TCAA)	ug/L	2.4	2.4		
Total Haloacetic Acids	ug/L	9.1	9.2	80¹	MAC

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Langdale Disinfection By-products (DBP) Test Results

Date: 4th Quarter

Samples collected from the Langdale Water System

				GCDWQ	
Trihalomethanes	Units	LA-01	LA-04	Limits	Type
Chloroform	mg/L	<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	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L	<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	80¹	MAC

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Granthams Disinfection By-products (DBP) Test Results

Date: 4th Quarter

Granthams pump station offline. GL-02 running off of Soames Well

				GCDWQ	
Trihalomethanes	Units	GL-01	GL-02	Limits	Type
Chloroform	mg/L		<0.001		
Bromodichloromethane	mg/L		<0.001		
Dibromochloromethane	mg/L		<0.001	0.016	MAC
Bromoform	mg/L		<0.001		
Total Trihalomethanes	mg/L	0.0	<0.001	0.1¹	MAC
Haloacetic Acids					
Monochloroacetic Acid (MCAA)	ug/L		<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	0.0	<12.0	80¹	MAC

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Soames Disinfection By Products (DBP) Test Results

Date: 4th Quarter

Samples collected from the Soames and Granthams Water Systems

					GCDWQ	
Trihalomethanes	Units	SO-01	SO-03	GL-02	Limits	Type
Chloroform	mg/L	<0.001	<0.001	<0.001		
Bromodichloromethane	mg/L	<0.001	<0.001	<0.001		
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	<0.001	<0.001	<0.001	0.1¹	MAC
Haloacetic Acids						
Monochloroacetic Acid (MCAA)	ug/L	<2.0	<2.0	<2.0		
Monobromoacetic Acid (MBAA)	ug/L	<2.0	<2.0	<2.0		
Dichloroacetic Acid (DCAA)	ug/L	<2.0	<2.0	<2.0		
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	<2.0	<2.0	<2.0		
Total Haloacetic Acids	ug/L	<12.0	<12.0	<12.0	80¹	MAC

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Chaster Well Disinfection By Products (DBP) Test Results

Date: 4th Quarter

Samples collected from the Chaster Well Water System

			GCDWQ	
Trihalomethanes	Units	CW-01	Limits	Type
Chloroform	mg/L	<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	0.1¹	MAC
Haloacetic Acids				
Monochloroacetic Acid (MCAA)	ug/L	<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	80¹	MAC

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