

## Chapman Creek Disinfection By-products (DPB) Test Results

Date: 1st Quarter

Samples collected from the Chapman Creek Water System

|                               |             |               |              |               |              | GCDWQ                   |            |
|-------------------------------|-------------|---------------|--------------|---------------|--------------|-------------------------|------------|
| Trihalomethanes               | Units       | CH-01         | CH-11        | CH-14         | CH-26        | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0012        | 0.0023       | 0.0015        | 0.0025       | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005      | <0.0005       | <0.0005      |                         |            |
| Chloroform                    | mg/L        | 0.01678       | 0.03985      | 0.02083       | 0.0261       |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005      | <0.0005       | 0.0007       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0180</b> | <b>0.042</b> | <b>0.022</b>  | <b>0.029</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| Haloacetic Acids              |             |               |              |               |              |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002        | <0.002       | <0.002        | <0.002       |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002       | <0.002        | <0.002       |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0057        | 0.009        | 0.0071        | 0.007        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.00395       | 0.010        | 0.0059        | 0.010        |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002        | <0.002       | <0.002        | <0.002       |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002       | <0.002        | <0.002       |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.0096</b> | <b>0.019</b> | <b>0.0130</b> | <b>0.017</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams 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: 1st Quarter

Samples collected from the South Pender Water System

|                               |             |               |               |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | SP-10         | SP-03         | SP-06         | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0040        | 0.0029        | 0.0035        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.0601        | 0.0342        | 0.0423        |                         |            |
| Dibromochloromethane          | mg/L        | 0.0964        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.1605</b> | <b>0.0371</b> | <b>0.0458</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002        | <0.002        | <0.002        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0097        | 0.0113        | 0.0143        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.0091        | 0.0129        | 0.0164        |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002        | <0.002        | <0.002        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002        | <0.002        |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.0187</b> | <b>0.0241</b> | <b>0.0307</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

**North Pender Disinfection By-products (DBP) Test Results**

Date: 1st Quarter

Samples collected from the North Pender Water System

|                               |             |               |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | NP-07         | NP-08         | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0060        | 0.0018        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.11795       | 0.0368        |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.1239</b> | <b>0.0386</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | 0.0033        | 0.0024        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0595        | 0.0199        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.1155        | 0.0186        |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002        | <0.002        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002        |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.1783</b> | <b>0.0409</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

## Ruby Lake Disinfection By-Products (DBP) Test Results

Date: 1st Quarter

Samples collected from the Ruby Lake Water System

|                               |             |               |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | RL-01         | RL-03         | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0051        | 0.0064        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.0534        | 0.0832        |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0585</b> | <b>0.0896</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | 0.0024        | 0.0026        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0235        | 0.0311        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.032075      | 0.038925      |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002        | <0.002        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002        |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.0580</b> | <b>0.0725</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

## Egmont Disinfection By-products (DBP) Test Results

Date: 1st Quarter

Samples collected from the Egmont Water System

|                               |             |               |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | EG-01         | EG-02         | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0023        | 0.0029        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.080075      | 0.113325      |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0824</b> | <b>0.1163</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | 0.0031        | 0.0047        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0430        | 0.0567        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.0774        | 0.106725      |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002        | <0.002        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002        |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.1235</b> | <b>0.1681</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

## Eastbourne Disinfection By-products (DBP) Test Results

Date: 1st Quarter

Samples collected from the Eastbourne Water System

|                               |             |               |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | 20.1          | 20.3          | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0032        | 0.004         | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | 0.0006        | 0.001         |                         |            |
| Chloroform                    | mg/L        | 0.0030        | 0.004         |                         |            |
| Dibromochloromethane          | mg/L        | 0.0021        | 0.003         |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0089</b> | <b>0.012</b>  | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002        | <0.002        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.006         | 0.0075        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.0044        | 0.0           |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | 0.0031        | 0.0029        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002        |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.0132</b> | <b>0.0163</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

**Langdale Disinfection By-products (DBP) Test Results**

Date: 1st Quarter

Samples collected from the Langdale Water System

|                               |             |                   |                  | GCDWQ                   |            |
|-------------------------------|-------------|-------------------|------------------|-------------------------|------------|
| Trihalomethanes               | Units       | LA-01             | LA-04            | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | <0.0005           | 0.0007           | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005           | <0.0005          |                         |            |
| Chloroform                    | mg/L        | <0.0005           | 0.0012           |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005           | <0.0005          |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>&lt;0.0005</b> | <b>0.0019</b>    | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| Haloacetic Acids              |             |                   |                  |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002            | <0.002           |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002            | <0.002           |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | <0.002            | <0.002           |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | <0.002            | <0.002           |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002            | <0.002           |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002            | <0.002           |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>&lt;0.002</b>  | <b>&lt;0.012</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average

**Soames Disinfection By Products (DBP) Test Results**

Date: 1st Quarter

Samples collected from the Soames Water System (including GL-02).

|                               |             |               |                  |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|------------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | GL-02         | SO-01            | SO-03         | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0018        | <0.0005          | 0.0011        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005          | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.0240        | <0.0005          | 0.0232        |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005          | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0258</b> | <b>&lt;0.002</b> | <b>0.0243</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |                  |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002        | <0.002           | <0.002        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002           | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0073        | <0.002           | 0.0073        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.0068        | <0.002           | 0.0068        |                         |            |
| Bromochloroacetic Acid (BCAA) | mg/L        | <0.002        | <0.002           | <0.002        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002        | <0.002           | <0.002        |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>0.0141</b> | <b>&lt;0.012</b> | <b>0.0141</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

GCDWQ - Guidelines for Canadian Drinking Water Quality

MAC = Maximim Acceptable Concentration

1 = Expressed as a running annual average