

### 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       |
| Bromodichloromethane          | mg/L        | 0.0012        | 0.0028       | 0.0019        | 0.0031       | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005      | <0.0005       | <0.0005      |                         |            |
| Chloroform                    | mg/L        | 0.0143        | 0.04218      | 0.0235        | 0.0293       |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005      | <0.0005       | 0.0008       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0155</b> | <b>0.045</b> | <b>0.025</b>  | <b>0.033</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| Haloacetic Acids              |             |               |              |               |              |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002        | <0.002       | <0.002        | 0.0          |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002       | <0.002        | <0.002       |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0046        | 0.008        | 0.0071        | 0.009        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.00355       | 0.009        | 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>0.0082</b> | <b>0.017</b> | <b>0.0130</b> | <b>0.022</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: 4th Quarter

Samples collected from the South Pender Water System

| Trihalomethanes               | Units       | SP-10         | SP-03         | SP-06         | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|---------------|-------------------------|------------|
|                               |             |               |               |               | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0025        | 0.0035        | 0.0041        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.0259        | 0.0375        | 0.0469        |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0284</b> | <b>0.0409</b> | <b>0.0510</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| <b>Haloacetic Acids</b>       |             |               |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | <0.002        | <0.002        | 0.0021        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0094        | 0.0125        | 0.0156        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.0107        | 0.0142        | 0.0171        |                         |            |
| 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>0.0201</b> | <b>0.0266</b> | <b>0.0348</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

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

Date: 4th Quarter

Samples collected from the North Pender Water System

|                               |             |               |               | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|-------------------------|------------|
| Trihalomethanes               | Units       | NP-05         | NP-08         | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0060        | 0.0007        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.114875      | 0.0159        |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.1209</b> | <b>0.0166</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| Haloacetic Acids              |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | 0.0032        | 0.0023        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0571        | 0.0157        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.1070        | 0.0070        |                         |            |
| 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>0.1674</b> | <b>0.0250</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

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

Date: 4th Quarter

Samples collected from the Ruby Lake Water System

| Trihalomethanes               | Units       | RL-01         | RL-03         | GCDWQ                   |            |
|-------------------------------|-------------|---------------|---------------|-------------------------|------------|
|                               |             |               |               | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0045        | 0.0070        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.0486        | 0.0766        |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0531</b> | <b>0.0836</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| Haloacetic Acids              |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | 0.0022        | 0.0023        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0215        | 0.0303        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.033825      | 0.043575      |                         |            |
| 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>0.0575</b> | <b>0.0762</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

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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       |
| Bromodichloromethane          | mg/L        | 0.0030        | 0.0035        | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005       | <0.0005       |                         |            |
| Chloroform                    | mg/L        | 0.104375      | 0.118775      |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005       | <0.0005       |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.1074</b> | <b>0.1223</b> | <b>0.1<sup>1</sup></b>  | <b>MAC</b> |
| Haloacetic Acids              |             |               |               |                         |            |
| Monochloroacetic Acid (MCAA)  | mg/L        | 0.0026        | 0.0039        |                         |            |
| Monobromoacetic Acid (MBAA)   | mg/L        | <0.002        | <0.002        |                         |            |
| Dichloroacetic Acid (DCAA)    | mg/L        | 0.0513        | 0.0576        |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | 0.0904        | 0.096725      |                         |            |
| 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>0.1443</b> | <b>0.1582</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

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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       |
| Bromodichloromethane          | mg/L        | 0.0092           | 0.004         | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | 0.0007           | 0.001         |                         |            |
| Chloroform                    | mg/L        | 0.0013           | 0.002         |                         |            |
| Dibromochloromethane          | mg/L        | 0.0029           | 0.003         |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0141</b>    | <b>0.009</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           | 0.0020        |                         |            |
| Dibromoacetic Acid (DBAA)     | mg/L        | <0.002           | 0.0           |                         |            |
| <b>Total Haloacetic Acids</b> | <b>mg/L</b> | <b>&lt;0.012</b> | <b>0.0041</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

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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       |
| Bromodichloromethane          | mg/L        | <0.0005           | 0.0008           | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005           | <0.0005          |                         |            |
| Chloroform                    | mg/L        | <0.0005           | 0.00085          |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005           | <0.0005          |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>&lt;0.0005</b> | <b>0.0016</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;0.002</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

mg/L = Milligrams per Liter

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

Date: 4th Quarter

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

| Trihalomethanes               | Units       | GL-02            | SO-01             | SO-03            | GCDWQ                   |            |
|-------------------------------|-------------|------------------|-------------------|------------------|-------------------------|------------|
|                               |             |                  |                   |                  | Limits                  | Type       |
| Bromodichloromethane          | mg/L        | 0.0006           | <0.0005           | 0.0008           | <b>0.016</b>            | <b>MAC</b> |
| Bromoform                     | mg/L        | <0.0005          | <0.0005           | <0.0005          |                         |            |
| Chloroform                    | mg/L        | <0.0005          | <0.0005           | 0.0005           |                         |            |
| Dibromochloromethane          | mg/L        | <0.0005          | <0.0005           | 0.0006           |                         |            |
| <b>Total Trihalomethanes</b>  | <b>mg/L</b> | <b>0.0006</b>    | <b>&lt;0.0005</b> | <b>0.0019</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        | <0.002           | <0.002            | <0.002           |                         |            |
| Trichloroacetic Acid (TCAA)   | mg/L        | <0.002           | <0.002            | <0.002           |                         |            |
| 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>&lt;0.002</b> | <b>&lt;0.002</b>  | <b>&lt;0.002</b> | <b>0.08<sup>1</sup></b> | <b>MAC</b> |

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