## Decourcey Water Analysis - 2015 Monthly Report

<table>
<thead>
<tr>
<th>Date</th>
<th>Sample Location (Address)</th>
<th>E. coli</th>
<th>Total Coliform</th>
<th>E. coli</th>
<th>Total Coliform</th>
<th>Temp. (°C)</th>
<th>pH</th>
<th>Free Chlorine Residual (mg/L)</th>
<th>Total Dissolved Solids (mg/L)</th>
<th>Salinity (%)</th>
<th>Conductivity (µS/cm)</th>
<th>Total Iron (mg/L)</th>
<th>Manganese (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-May-15</td>
<td>2458 Pylades</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>7.33</td>
<td>0.02</td>
<td>321.0</td>
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<td>658.0</td>
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<td>0.004</td>
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<td>701.0</td>
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</table>

**Average**

<table>
<thead>
<tr>
<th>E. coli</th>
<th>Total Coliform</th>
<th>Temp. (°C)</th>
<th>pH</th>
<th>Free Chlorine Residual (mg/L)</th>
<th>Total Dissolved Solids (mg/L)</th>
<th>Salinity (%)</th>
<th>Conductivity (µS/cm)</th>
<th>Total Iron (mg/L)</th>
<th>Manganese (mg/L)</th>
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<tbody>
<tr>
<td>0</td>
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<td>11.0</td>
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<td>329.3</td>
<td>0.3</td>
<td>675.7</td>
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**Maximum**

<table>
<thead>
<tr>
<th>E. coli</th>
<th>Total Coliform</th>
<th>Temp. (°C)</th>
<th>pH</th>
<th>Free Chlorine Residual (mg/L)</th>
<th>Total Dissolved Solids (mg/L)</th>
<th>Salinity (%)</th>
<th>Conductivity (µS/cm)</th>
<th>Total Iron (mg/L)</th>
<th>Manganese (mg/L)</th>
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<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>12</td>
<td>7.33</td>
<td>0.05</td>
<td>342</td>
<td>0.34</td>
<td>701</td>
<td>0.11</td>
<td>0.004</td>
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**Minimum**

<table>
<thead>
<tr>
<th>E. coli</th>
<th>Total Coliform</th>
<th>Temp. (°C)</th>
<th>pH</th>
<th>Free Chlorine Residual (mg/L)</th>
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<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>10</td>
<td>7.26</td>
<td>0</td>
<td>321</td>
<td>0.32</td>
<td>658</td>
<td>0.11</td>
<td>0.004</td>
</tr>
</tbody>
</table>

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤0.3 mg/L  
Aesthetic Objective for Manganese is ≤0.05mg/L

*Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Yellow Column Coliform tests are completed by Health Department

Blue column tests are completed by RDN

**Comments:**

Iron and manganese are found naturally in drinking water. Levels found in these samples are not a health concern.
<table>
<thead>
<tr>
<th>Date</th>
<th>Sample Location (Address)</th>
<th>Health Department</th>
<th>In-House</th>
</tr>
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<tbody>
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<td></td>
<td>E. coli *</td>
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<td>E. coli *</td>
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<td>7-Apr-15</td>
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<tr>
<td>27-Apr-15</td>
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</tr>
<tr>
<td>Maximum</td>
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</tr>
<tr>
<td>Minimum</td>
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<td>0</td>
</tr>
</tbody>
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<th>Conductivity (µS/cm)</th>
<th>Total Iron (mg/L)</th>
<th>Manganese (mg/L)</th>
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<tbody>
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<td>682.0</td>
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<td>0.02</td>
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<td>7.23</td>
<td>0.02</td>
<td>327.0</td>
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<td>671.0</td>
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<td>0</td>
<td>1</td>
<td>9</td>
<td>7.23</td>
<td>0.02</td>
<td>332</td>
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<td>682</td>
<td>0.05</td>
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<tr>
<td>Minimum</td>
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<td>324</td>
<td>0.32</td>
<td>663</td>
<td>0.05</td>
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</tr>
</tbody>
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Aesthetic Objective for Iron is ≤0.3 mg/L    Aesthetic Objective for Manganese is ≤0.05mg/L

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Comments:
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<th>Conductivity (µS/cm)</th>
<th>Total Iron (mg/L)</th>
<th>Manganese (mg/L)</th>
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</thead>
<tbody>
<tr>
<td>2-Feb-15</td>
<td>2458 Pylades</td>
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<td>0</td>
<td>0</td>
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<td>700.0</td>
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<td>0.025</td>
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<td>2458 Pylades</td>
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<td>6.96</td>
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<td>337.0</td>
<td>0.34</td>
<td>691.0</td>
<td>0.04</td>
<td>0.025</td>
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<tr>
<td>16-Feb-15</td>
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<td>688.0</td>
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<td>7.25</td>
<td>0.01</td>
<td>332.0</td>
<td>0.33</td>
<td>683.0</td>
<td>0.04</td>
<td>0.025</td>
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</table>

**Average**
- 0
- 0
- 0
- 7.8
- 7.1
- 0.02
- 337.8
- 0.3
- 690.5
- 0.04
- 0.025

**Maximum**
- 0
- 0
- 0
- 8
- 7.25
- 0.03
- 347
- 0.35
- 700
- 0.04
- 0.025

**Minimum**
- 0
- 0
- 0
- 7
- 6.86
- 0.01
- 332
- 0.33
- 683
- 0.04
- 0.025

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Aesthetic Objective for Manganese is ≤0.05 mg/L

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<th>Manganese (mg/L)</th>
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<tbody>
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<td>6-Jan-15</td>
<td>2458 Pylades</td>
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<tr>
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<td>7.23</td>
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<td>7.22</td>
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<td>346.0</td>
<td>0.35</td>
<td>707.0</td>
<td>0.10</td>
<td>0.026</td>
</tr>
</tbody>
</table>

**Average**
- E. coli: 0
- Total Coliform: 0
- Temp. (°C): 7.5
- pH: 7.2
- Free Chlorine Residual (mg/L): 0.01
- Total Dissolved Solids (mg/L): 346.3
- Salinity (%): 0.4
- Conductivity (µS/cm): 709.0
- Total Iron (mg/L): 0.10
- Manganese (mg/L): 0.026

**Maximum**
- E. coli: 0
- Total Coliform: 0
- Temp. (°C): 7.5
- pH: 7.2
- Free Chlorine Residual (mg/L): 0.01
- Total Dissolved Solids (mg/L): 346.3
- Salinity (%): 0.4
- Conductivity (µS/cm): 709.0
- Total Iron (mg/L): 0.10
- Manganese (mg/L): 0.026

**Minimum**
- E. coli: 0
- Total Coliform: 0
- Temp. (°C): 7.08
- pH: 7.2
- Free Chlorine Residual (mg/L): 0.00
- Total Dissolved Solids (mg/L): 340.0
- Salinity (%): 0.34
- Conductivity (µS/cm): 700.0
- Total Iron (mg/L): 0.1
- Manganese (mg/L): 0.026

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