## 2020-21 Ketchikan Off-Season Bacteria Monitoring - Analytical Data Results

<table>
<thead>
<tr>
<th>Sample Date</th>
<th>Knudson Cove</th>
<th>S Pt Higgins</th>
<th>Shull</th>
<th>Sunset</th>
<th>S Refuge Cove</th>
<th>Thomas Basin</th>
<th>Seaport</th>
<th>Rotary Pool</th>
<th>Rotary Beach</th>
<th>Mountain Point Cultural Food</th>
<th>Mountain Point</th>
<th>Surprise Beach</th>
<th>Herring Cove</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-Oct-2020</td>
<td>18</td>
<td>&lt;10</td>
<td>22</td>
<td>10</td>
<td>18</td>
<td>10</td>
<td>15</td>
<td>&lt;10</td>
<td>18</td>
<td>52</td>
<td>26</td>
<td>10</td>
<td>3</td>
</tr>
<tr>
<td>4-Nov-2020</td>
<td>18</td>
<td>&lt;10</td>
<td>20</td>
<td>&lt;10</td>
<td>10</td>
<td>20</td>
<td>38</td>
<td>20</td>
<td>21</td>
<td>31</td>
<td>42</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>7-Dec-2020</td>
<td>3</td>
<td>&lt;10</td>
<td>12</td>
<td>10</td>
<td>6</td>
<td>10</td>
<td>22</td>
<td>63</td>
<td>11</td>
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<td>11</td>
<td>73</td>
<td>7</td>
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<tr>
<td>20-Jan-2021</td>
<td>96</td>
<td>&lt;10</td>
<td>3</td>
<td>&lt;10</td>
<td>6</td>
<td>&lt;10</td>
<td>8</td>
<td>&lt;10</td>
<td>10</td>
<td>10</td>
<td>11</td>
<td>10</td>
<td>9</td>
</tr>
</tbody>
</table>

### Notes:

- **FC** = fecal coliform bacteria
- **Enteroc** = enterococci
- **STV** = statistical threshold value
- **MPN** = most probable number

### Water Recreation

- **(i) contact recreation**
  - In a 30-day period, the geometric mean of samples may not exceed 35 enterococci CFU/100 ml, and not more than 10% of the samples may exceed a STV of 130 enterococci CFU/100 ml.

- **(ii) secondary recreation**
  - In a 30-day period, the geometric mean of samples may not exceed 200 fecal coliform/100 ml, and not more than 10% of the samples may exceed 400 fecal coliform/100 ml.

### Harvesting for Consumption of Raw Mollusks or Other Raw Aquatic Life (most stringent)

- The geometric mean of samples may not exceed 14 fecal coliform/100 ml, and not more than 10% of the samples may exceed 31 CFU per 100 ml for a membrane filtration test.

- Tides focus is on either side of low tide, using ebb and flow stages.

### Alaska Water Quality Standards (amended as of March 5, 2020) - (14) Bacteria, For Marine Water Uses