### Water-Quality Data: November 2003 to October 2004

#### Arctic Alaska

**704625152462200 -- Unnamed Lake 7.5 Mile Southeast of VABM April Near Lonely**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Specific Conductance, water, unfltrd (µS/cm)</th>
<th>pH, std. water, field, deg C</th>
<th>Temperature, deg C</th>
<th>Barometric Pressure, mm Hg</th>
<th>Dissolved Oxygen, percent saturation</th>
<th>Depth, meters (00098)</th>
<th>Discharge, units (00095)</th>
<th>Discharge, std. units (00400)</th>
<th>Discharge, deg C (00010)</th>
<th>Discharge, mm Hg (000025)</th>
<th>Discharge, mg/L (00300)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG</td>
<td>12...</td>
<td>1429 .50</td>
<td>359</td>
<td>7.8</td>
<td>12.0</td>
<td>759</td>
<td>10.7</td>
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<tr>
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<td>1431 1.0</td>
<td>359</td>
<td>7.9</td>
<td>12.0</td>
<td>759</td>
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<tr>
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<td>1433 1.5</td>
<td>359</td>
<td>7.9</td>
<td>12.0</td>
<td>759</td>
<td>10.3</td>
<td>96</td>
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</tr>
</tbody>
</table>

| Date   | Medium | Sample Code | Sampling Medium | Sampling Method | Sample Code | Sample Type | Sample Type | Temperature, deg C | Secchi Transparency, meters | Barometric Pressure, mm Hg | Sodium, mg/L | Chloride, mg/L | Nitrite Nitrogen, mg/L | Nitrate Nitrogen, mg/L | Total Nitrogen, mg/L | Ammonia, mg/L | Ortho-Phosphate, mg/L | Ortho-Phosphate, mg/L | Phosphate, mg/L | Phosphate, mg/L | Ortho-Phosphate, mg/L | Ortho-Phosphate, mg/L | Phosphate, mg/L | Chlorophyll A, ug/L | Phytin, ug/L |
|--------|--------|-------------|-----------------|------------------|-------------|--------------|---------------|---------------------|--------------------------|------------------------|---------------|---------------|---------------------|---------------------|---------------------|---------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-------------------|
| AUG    | 12...  | 1450 9      | 9               | 9                | 55          | 100          | 12.0          | .76                 | 759                      | 36.3                     | .002          | .016          | <.002               | <.002               | .17                | .006          | .016               | .005               | <.006             | .5               | .3               |

**Note:** The tables provide comprehensive data on water quality parameters, including specific conductance, pH, temperature, barometric pressure, dissolved oxygen, and various chemical constituents such as chlorides, nitrites, chlorophyll, and ortho- and phytoplankton. The data is collected at multiple sites across the specified period.