The total phosphorus measure. Increased phosphorus relates closely to increased algae, frequency of algae blooms and the increased quantity of blue-green algae.

Chlorophyll-a or the green pigment in plants is essential to photosynthesis. A measure of its presence in water estimates algae abundance.

The Secchi disk transparency. The deeper the Secchi disk is visible, the clearer the water appears.
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10 lakes (17%)</td>
<td>14 lakes (16%)</td>
<td>Crystal Clear, beautiful. These lakes are exceptional and are enjoyed recreationally without question or hesitation. No impairment.</td>
</tr>
<tr>
<td>B</td>
<td>11 lakes (19%)</td>
<td>19 lakes (22%)</td>
<td>These lakes generally have good water quality, but algae may limit swimming, particularly toward the end of summer. Some impairment.</td>
</tr>
<tr>
<td>C</td>
<td>22 lakes (37%)</td>
<td>28 lakes (33%)</td>
<td>Average quality. Swimming, boating and fishing may be undesirable relatively early in the season. Algae blooms occasionally. Impaired.</td>
</tr>
<tr>
<td>D</td>
<td>15 lakes (25%)</td>
<td>20 lakes (23%)</td>
<td>These lakes have severe algae problems. People are generally not interested in recreation on these lakes. Severely impaired.</td>
</tr>
<tr>
<td>F</td>
<td>1 lakes (2%)</td>
<td>5 lakes (6%)</td>
<td>Not enjoyable. Such lakes would have severe limitations to recreational use. Very limited uses.</td>
</tr>
</tbody>
</table>

**COUNTYWIDE STATISTICS OF LAKES MONITORED**

- **A's**: 10 lakes (17%)
- **B's**: 11 lakes (19%)
- **C's**: 22 lakes (37%)
- **D's**: 15 lakes (25%)
- **F's**: 1 lakes (2%)

**General Description**

- **A**: Crystal Clear, beautiful. These lakes are exceptional and are enjoyed recreationally without question or hesitation. No impairment.
- **B**: These lakes generally have good water quality, but algae may limit swimming, particularly toward the end of summer. Some impairment.
- **C**: Average quality. Swimming, boating and fishing may be undesirable relatively early in the season. Algae blooms occasionally. Impaired.
- **D**: These lakes have severe algae problems. People are generally not interested in recreation on these lakes. Severely impaired.
- **F**: Not enjoyable. Such lakes would have severe limitations to recreational use. Very limited uses.

**Graph**

- 2008 H.C. Lakes
- 10 Yr Ave
- Standard Curve

**Legend**

- **A's**
- **B's**
- **C's**
- **D's**
- **F's**