ENVIRONMENTAL INDICATORS -
Lafayette Annual Grades

A

Year | TP (ug/L) | Grade | CLA (ug/L) | Grade | Secchi (m) | Grade | Final Grade | Numeric Grade
--- | --- | --- | --- | --- | --- | --- | --- | ---
1996 | 21.1 | A | 4.2 | A | 3.2 | A | A | 4.00
1997 | 21.7 | A | 3.6 | A | 3.6 | A | A | 4.00
1998 | 24.0 | B | 3.5 | A | 3.0 | B | B+ | 3.33
1999 | 22.9 | A | 4.4 | A | 2.5 | B | A- | 3.67
2005 | 32.6 | C | 8.7 | A | 3.3 | A | A- | 3.67
2006 | 25.0 | B | 6.1 | A | 2.5 | B | B+ | 3.33
2007 | 43.4 | C | 7.5 | A | 2.2 | B | B | 3.00
2008 | 18.0 | A | 6.5 | A | 3.3 | A | A | 4.00
2009 | 17.8 | A | 4.5 | A | 3.3 | A | A | 4.00

GPA 3.67
A-

THREE FACTORS IN THE LAKE GRADE

Total Phosphorus (TP) | 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 (CLA) | Chlorophyll-a or the green pigment in plants is essential to photosynthesis. A measure of its presence in water estimates algae abundance.

Secchi Disk (SD) | The Secchi disk transparency. The deeper the Secchi disk is visible, the clearer the water appears.
### Countywide Statistics of Lakes Monitored

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>9 lakes (15%)</td>
<td>19 lakes (21%)</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>13 lakes (21%)</td>
<td>16 lakes (17%)</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 (36%)</td>
<td>26 lakes (28%)</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>22 lakes (24%)</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>2 lakes (3%)</td>
<td>9 lakes (10%)</td>
<td>Not enjoyable. Such lakes would have severe limitations to recreational use. Very limited uses.</td>
</tr>
</tbody>
</table>

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**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.