St. Lucie River Estuary Water Quality Report

This information is provided by the Florida Oceanographic Society with support of the Marine Resources Council. It is collected by the Citizen Volunteer Water Quality Monitoring Network. For historical data go to our website at: http://www.floridaocean.org

For sample results related to bacteria levels go to: http://martin.floridahealth.gov/programs-and-services/ and click on the Environmental Health link.

St. Lucie River Estuary Water Quality Report

<table>
<thead>
<tr>
<th>Overall Grade:</th>
<th>B+</th>
<th>GOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone/Location</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Temp. Deg. F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td></td>
<td></td>
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<tr>
<td>Visibility (Secchi Meters)</td>
<td></td>
<td></td>
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<tr>
<td>Salinity (ppt)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dissolved Oxygen (mg/L)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location Score</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade</td>
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</tr>
</tbody>
</table>

1. Winding North Fork
   - pH: 7.5
   - Visibility: 0.7 Fair
   - Salinity: 1 Fair
   - Dissolved Oxygen: 4.6 Fair
   - Location Score: 71% C Satisfactory

2. North Fork
   - pH: 8.4
   - Visibility: 0.9 Fair
   - Salinity: 18 Good
   - Dissolved Oxygen: 7.3 Good
   - Location Score: 87% B Good

3. South Fork
   - pH: 8.0
   - Visibility: 0.4 Poor
   - Salinity: 17 Good
   - Dissolved Oxygen: 5.2 Good
   - Location Score: 77% C Satisfactory

4. Winding South Fork
   - pH: 8.2
   - Visibility: 0.8 Fair
   - Salinity: 6 Good
   - Dissolved Oxygen: 4.1 Good
   - Location Score: 81% B Good

5. Wide Middle River
   - pH: 8.1
   - Visibility: 1.1 Good
   - Salinity: 28 Good
   - Dissolved Oxygen: 5.3 Good
   - Location Score: 97% A Ideal

6. Narrow Middle River
   - pH: 7.9
   - Visibility: 1.2 Good
   - Salinity: 30 Good
   - Dissolved Oxygen: 4.3 Fair
   - Location Score: 92% A Ideal

7. Manatee Pocket
   - pH: 8.1
   - Visibility: 1.2 Good
   - Salinity: 34 Good
   - Dissolved Oxygen: 5.5 Good
   - Location Score: 97% A Ideal

8. Inlet Area
   - pH: 8.1
   - Visibility: 1.2 Good
   - Salinity: 34 Good
   - Dissolved Oxygen: 4.7 Fair
   - Location Score: 92% A Ideal

9. Indian River Lagoon
   - pH: 8.1
   - Visibility: 1.2 Good
   - Salinity: 34 Good
   - Dissolved Oxygen: 4.7 Fair
   - Location Score: 92% A Ideal

10. Intracoastal Waterway South
    - pH: 8.1
    - Visibility: Not Available
    - Salinity: Not Available
    - Dissolved Oxygen: Not Available

Overall Grading:

<table>
<thead>
<tr>
<th>Zones</th>
<th>Description</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>100-90</td>
<td>99-80</td>
<td>79-70</td>
<td>69-60</td>
<td>69-0</td>
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<tr>
<td></td>
<td>IDEAL</td>
<td>GOOD</td>
<td>SATISFACTORY</td>
<td>POOR</td>
<td>DESTRUCTIVE</td>
<td></td>
</tr>
</tbody>
</table>

Comment: The data above may indicate areas of concern in the St. Lucie Estuary. Citizens should call the Florida Department of Environmental Protection (DEP) at 871-7662 or the South Florida Water Management District (SFWMD) 223-2600 to ask about the quality of a specific area and report observations of pollution.