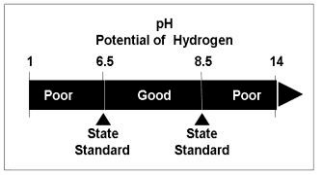
# St. Lucie River Estuary
# Water Quality Report

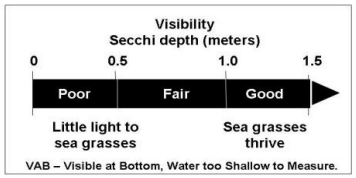
This information is provided by the Florida Oceanographic Society with support of the Marine Resources Council. It is collected by the Citizen Volunteer Water Quality Monitoring Network. For historical data go to our website at: http://www.floridaocean.org
For sample results related to bacteria levels go to:
http://martin.floridahealth.gov/programs-and-services/ and click on the Environmental Health link

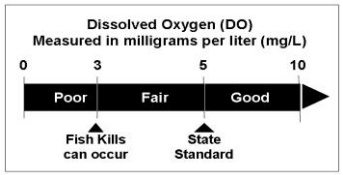
**Posted:** **07/25/19**

| Overall Grade: | 82% | B- | GOOD |
|---|---|---|---|

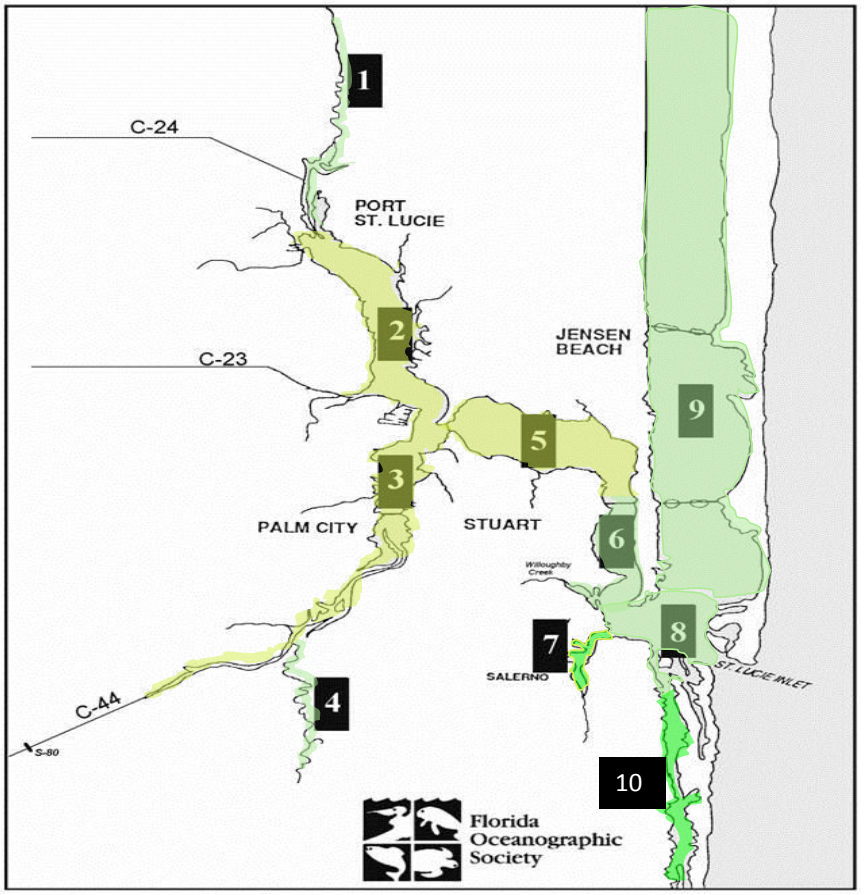
| Zone/ Location | Water Temp. Deg. F | pH | Visibility (Secchi) Meters | Salinity ppt | Dissolved Oxygen mg/L | Location Score | Grade |
|---|---|---|---|---|---|---|---|
| 1. Winding North Fork | 82 | 7.5 | 0.8 Fair | 4 Good | 4.0 Fair | 81% | B Good |
| 2. North Fork | 87 | 8.0 | 1.1 Good | 9 Poor | 4.0 Fair | 71% | C Satisfactory |
| 3. South Fork | 84 | 7.8 | 0.6 Fair | 10 Fair | 4.0 Fair | 71% | C Satisfactory |
| 4. Winding South Fork | 87 | 7.7 | 0.8 Fair | 3 Good | 3.3 Fair | 81% | B Good |
| 5. Wide Middle River | 87 | 7.9 | 0.8 Fair | 18 Fair | 3.4 Fair | 71% | C Satisfactory |
| 6. Narrow Middle River | 83 | 8.1 | 1.1 Good | 23 Fair | 5.3 Good | 87% | B Good |
| 7. Manatee Pocket | 82 | 8.3 | 1.3 Good | 30 Good | 6.1 Good | 97% | A Ideal |
| 8. Inlet Area | 85 | 8.3 | 0.7 Fair | 35 Good | 5.9 Good | 87% | B Good |
| 9. Indian River Lagoon | 82 | 8.0 | 0.6 Fair | 35 Good | 5.0 Good | 87% | B Good |
| 10. Intracoastal Waterway South | 90 | 8.0 | 1.3 Good | 34 Good | 4.1 Fair | 92% | A Ideal |




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.




| Overall Grading | | | | |
|---|---|---|---|---|
| A | B | C | D | F |
| 100-90 | 89-80 | 79-70 | 69-60 | 69-0 |
| IDEAL | GOOD | SATISFACTORY | POOR | DESTRUCTIVE |

| Salinity (ppt) Grading | | | | |
|---|---|---|---|---|
| Zones | description | GOOD | FAIR | POOR |
| 1&4 | upper north & south forks | 2 - 8 | 1 - 2 or 8 - 15 | < 1 or > 15 |
| 2 & 3 | lower north & south forks | 15 - 25 | 10 - 15 or > 25 | < 10 |
| 5 | wide middle river | > 20 | 15 - 20 | < 15 |
| 6 | narrow middle river | > 25 | 20 - 25 | < 20 |
| 7 | Manatee Pocket | > 27.5 | 20 - 27.5 | < 20 |
| 8 | inlet | > 30 | 25 - 30 | < 25 |
| 6 | IRL & Intracoastal W'wy | > 30 | 25 - 30 | < 25 |