

St. Lucie River Estuary Water Quality Outlook

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 complete data go to our website at:
<http://www.floridaoceanographic.org/water.htm>

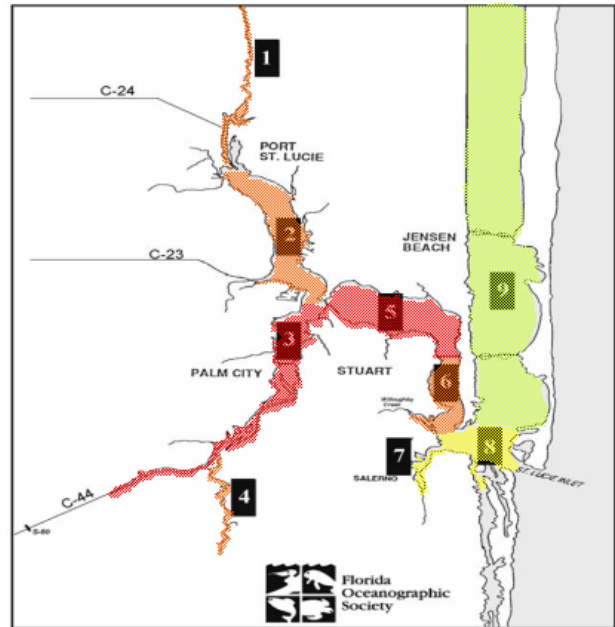
Posted: **07/22/10**

Overall Grade:	67.9%	D+	POOR
----------------	--------------	-----------	-------------

Zone/ Location	Water Temp. Deg. F	pH	Visibility (Secchi) Meters	Salinity ppt	Dissolved Oxygen mg/L	Location Score	Grade
1. Winding North Fork	88	7.6	0.60 Fair	0.0 Poor	6.5 Good	66%	D Poor
2. North Fork	88	8.0	0.91 Fair	1.8 Poor	5.3 Good	66%	D Poor
3. South Fork	81	8.1	0.40 Poor	0.0 Poor	5.4 Good	56%	F Destructive
4. Winding South Fork	87	7.4	0.70 Fair	0.0 Poor	3.0 Fair	61%	D Poor
5. Wide Middle River	88	7.9	0.40 Poor	9.0 Poor	5.2 Good	56%	F Destructive
6. Narrow Middle River	91	8.2	0.90 Fair	15.0 Poor	6.8 Good	66%	D Poor
7. Manatee Pocket	85	8.3	0.85 Fair	20.0 Fair	6.7 Good	76%	C Satisfactory
8. Inlet Area	91	8.2	0.90 Fair	25.0 Fair	6.5 Good	76%	C Satisfactory
9. IRL	85	8.3	2.10 Good	28.0 Fair	5.5 Good	87%	B Good



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.



Grading				
A	B	C	D	F
90-100	80-89	70-79	60-69	0-59
IDEAL	GOOD	SATISFACTORY	POOR	DESTRUCTIVE

Salinity (Parts per Thousand)				
Zones	Description	Good	Fair	Poor
1 & 4	Winding North & South Forks	2 to 8	1 to 2 or 8 to 15	< 1 or > 15
2 & 3	Inner St. Lucie Estuary (North & South Fork)	15 to 25	10 to 15 or > 25	< 10
5	Wide Middle St. Lucie River	> 20	15 to 20	< 15
6	Narrow Middle St. Lucie River	> 25	20 to 25	< 20
7	Manatee Pocket	> 27.5	20 to 27.5	< 20
8 & 9	Inlet and Indian River Lagoon (to Jensen Beach Causeway)	>30	25 to 30	< 25