

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:

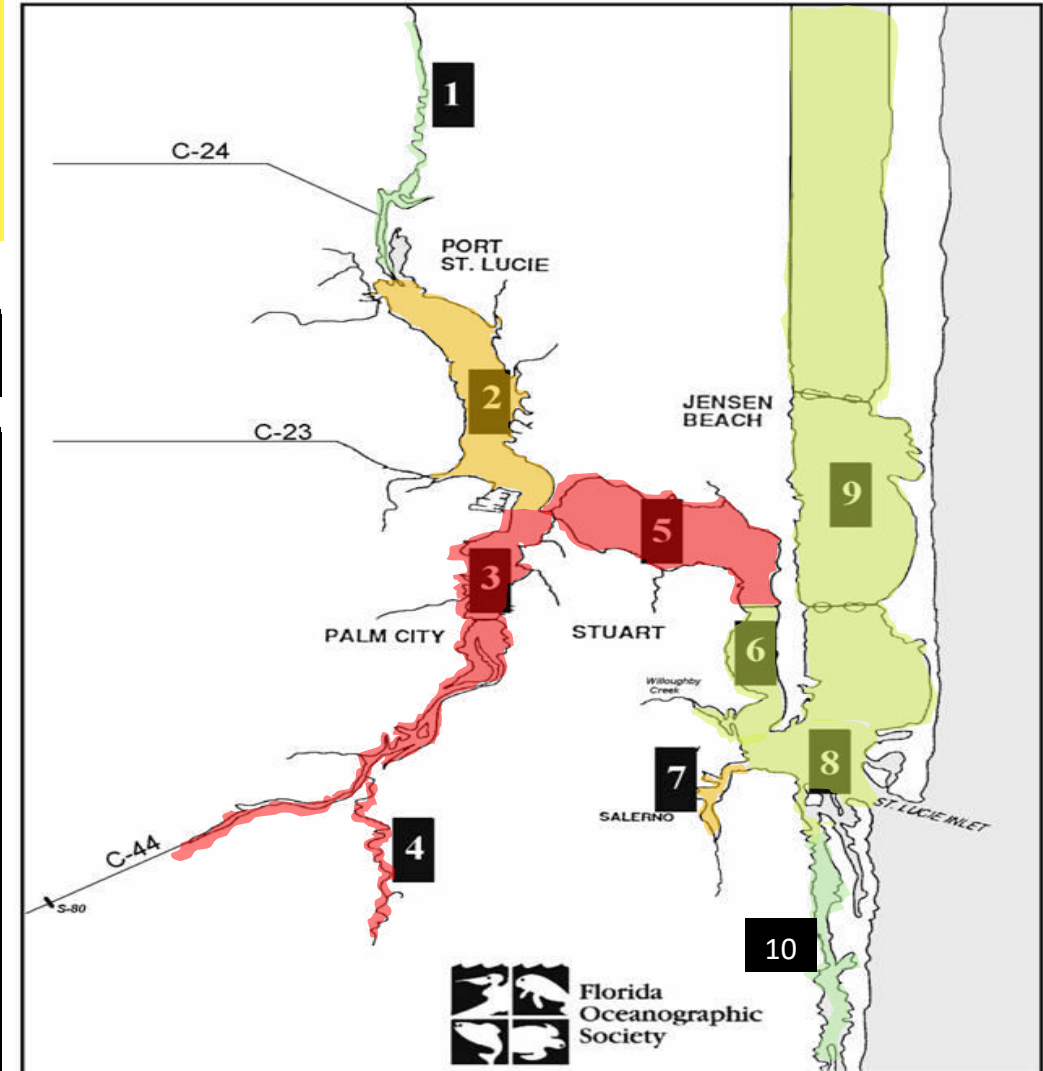
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

8/27/2020

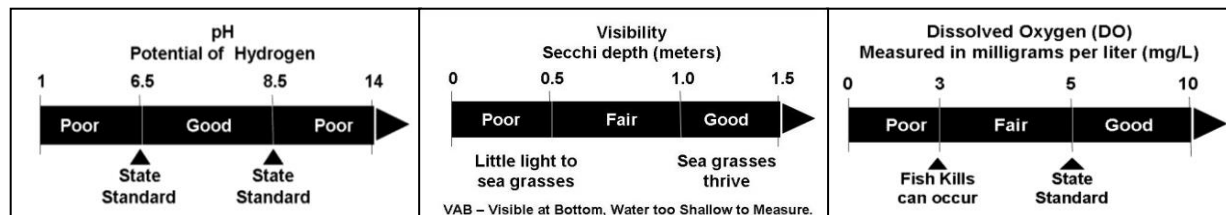
Overall Grade:	67%	D+	POOR
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score	Grade
1. Winding North Fork	82	7.5	0.6 Fair	3 Good	3.9 Fair	81%	B Good
2. North Fork	84	8.0	0.6 Fair	1 Poor	5.1 Good	66%	D Poor
3. South Fork	84	7.4	0.4 Poor	1 Poor	3.7 Fair	51%	F Destructive
4. Winding South Fork	87	7.1	0.5 Poor	0 Poor	2.7 Poor	46%	F Destructive
5. Wide Middle River	84	7.8	0.4 Poor	8 Poor	4.8 Fair	51%	F Destructive
6. Narrow Middle River	88	8.3	0.9 Fair	20 Fair	5.6 Good	76%	C Satisfactory
7. Manatee Pocket	82	7.7	1.0 Fair	10 Poor	6.4 Good	66%	D Poor
8. Inlet Area	90	7.8	0.8 Fair	25 Fair	6.7 Good	76%	C Satisfactory
9. Indian River Lagoon	89	8.0	0.8 Fair	29 Fair	6.6 Good	76%	C Satisfactory
10. Intracoastal Waterway South	86	7.6	0.9 Fair	31 Good	4.4 Fair	81%	B Good



Overall Grading				
A	B	C	D	F
100-90	89-80	79-70	69-60	59-0
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
9	IRL & Intracoastal Waterway	> 30	25 - 30	< 25



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.