

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:

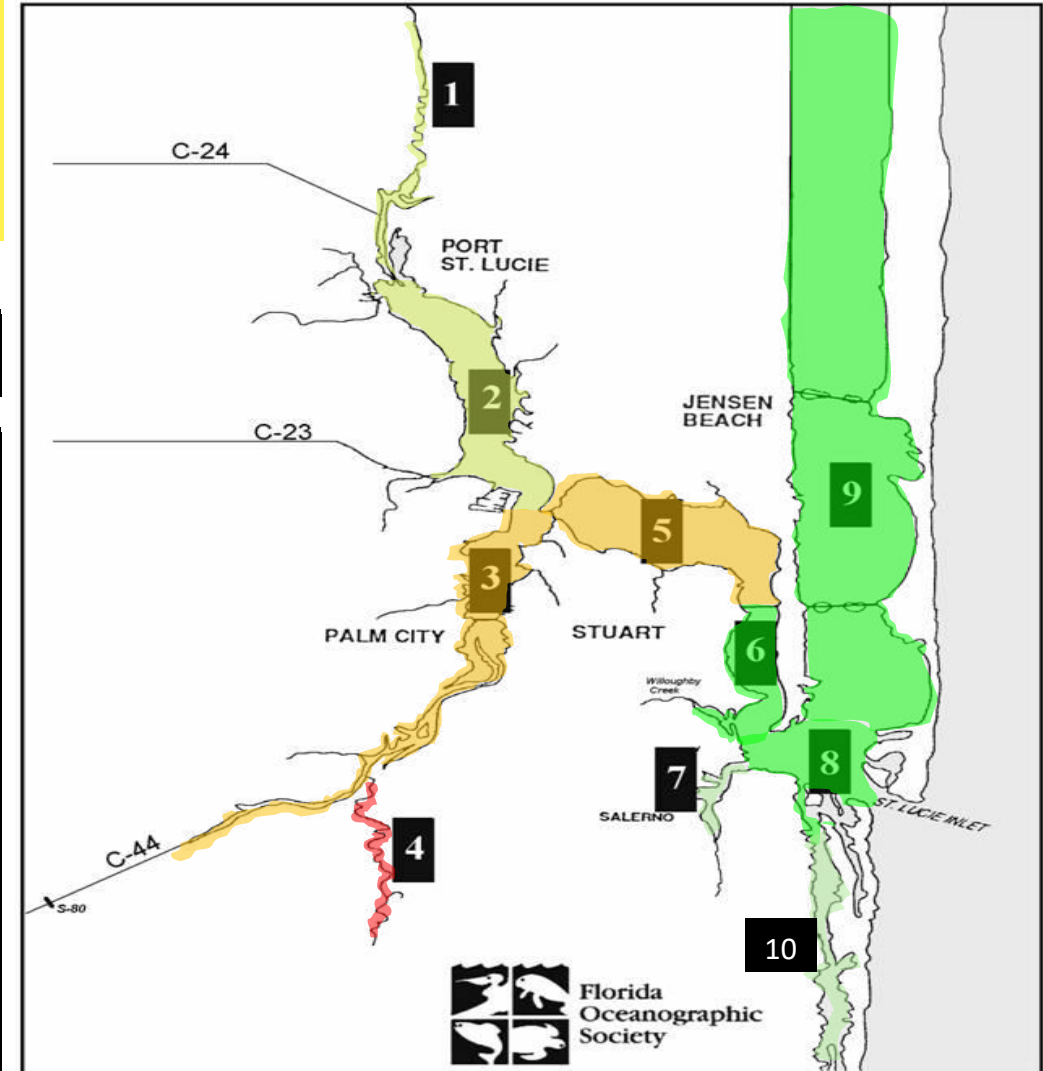
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

09/24/2020

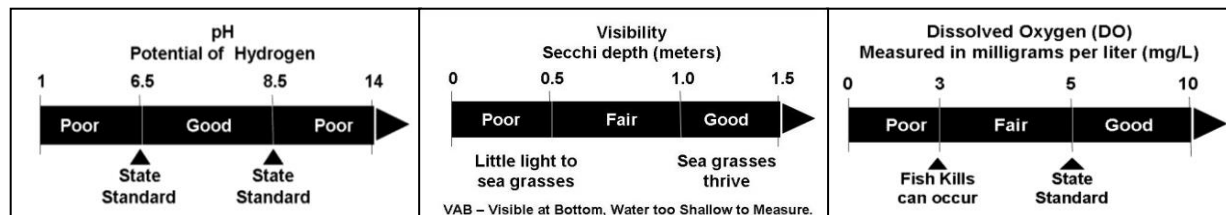
Overall Grade:	78%	C+	SATISFACTORY
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score	Grade
1. Winding North Fork	77	7.4	0.6 Fair	2 Fair	3.6 Fair	71%	C Satisfactory
2. North Fork	82	8.0	1.0 Good	3 Poor	3.8 Fair	71%	C Satisfactory
3. South Fork	82	7.7	0.6 Fair	3 Poor	4.3 Fair	61%	D Poor
4. Winding South Fork	85	7.2	0.6 Fair	0 Poor	2.6 Poor	56%	F Destructive
5. Wide Middle River	81	8.0	0.8 Fair	13 Poor	5.5 Good	66%	D Poor
6. Narrow Middle River	82	8.2	1.4 Good	25 Good	6.7 Good	97%	A Ideal
7. Manatee Pocket	76	7.9	1.2 Good	22 Fair	6.7 Good	87%	B Good
8. Inlet Area	82	8.4	1.5 Good	33 Good	5.6 Good	97%	A Ideal
9. Indian River Lagoon	79	7.7	1.3 Good	31 Good	4.5 Fair	92%	A Ideal
10. Intracoastal Waterway South	82	7.6	1.5 Good	29 Fair	3.7 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.