

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:

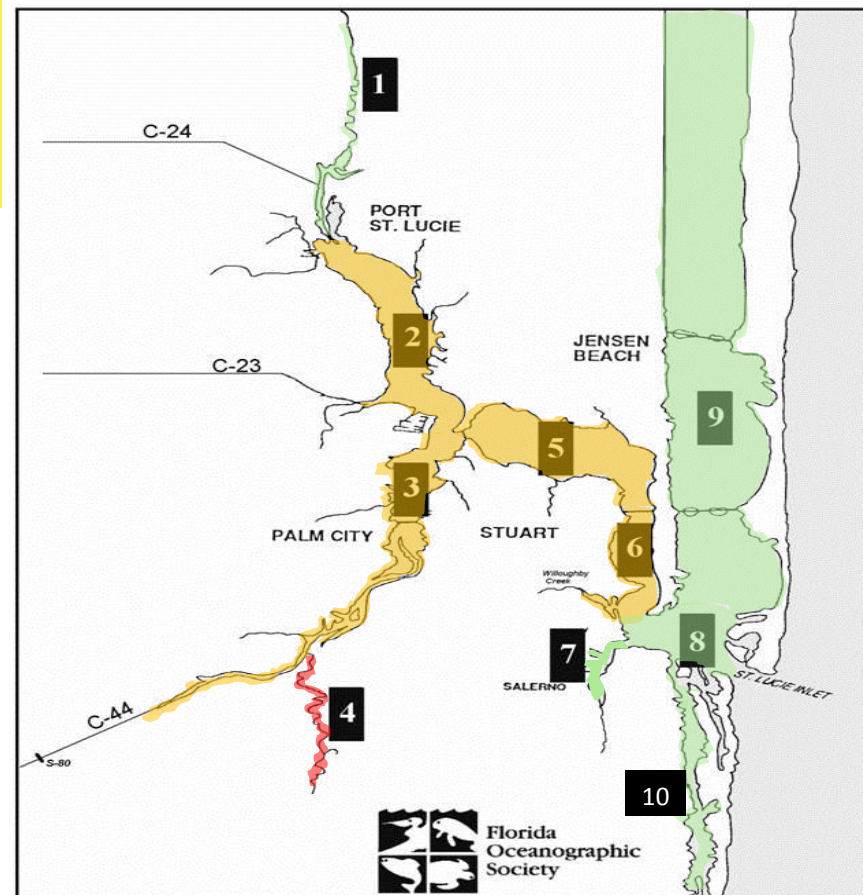
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

01/02/2020

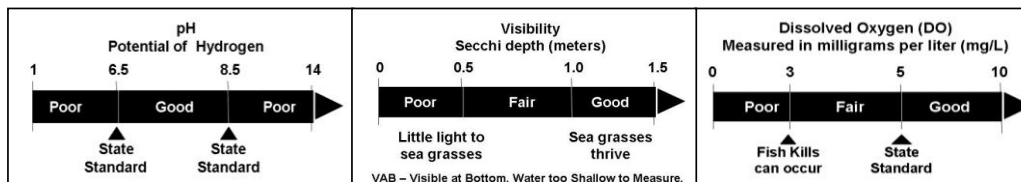
Overall Grade:	74%	C	SATISFACTORY
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi Meters)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score	Grade
1. Winding North Fork	70	7.5	0.7 Fair	2 Good	5.1 Good	87% Good	B
2. North Fork	74	7.8	0.9 Fair	4 Poor	5.3 Good	66% Poor	D
3. South Fork	72	7.6	0.5 Fair	5 Poor	4.5 Fair	61% Poor	D
4. Winding South Fork	74	6.8	0.5 Poor	1 Poor	3.3 Fair	51% Destructive	F
5. Wide Middle River	72	7.8	0.6 Fair	6 Poor	5.4 Good	66% Poor	D
6. Narrow Middle River	72	8.3	0.8 Fair	10 Poor	6.8 Good	66% Poor	D
7. Manatee Pocket	70	7.7	1.3 Good	20 Fair	7.0 Good	87% Good	B
8. Inlet Area	72	8.0	0.8 Fair	30 Good	6.0 Good	87% Good	B
9. Indian River Lagoon	74	8.1	0.8 Fair	33 Good	6.2 Good	87% Good	B
10. Intracoastal Waterway South	71	7.9	1.0 Fair	32 Good	5.9 Good	87% Good	B



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.