

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:

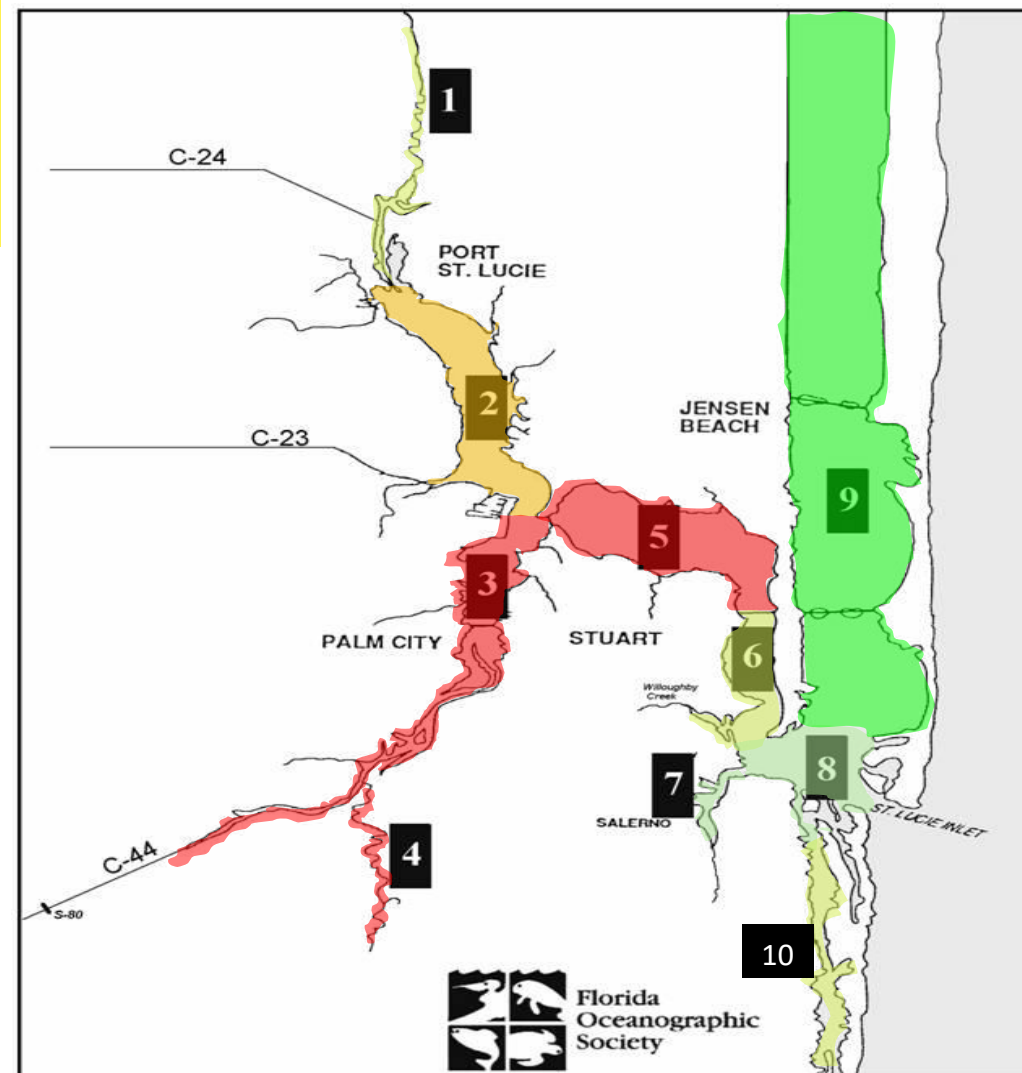
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

07/02/2020

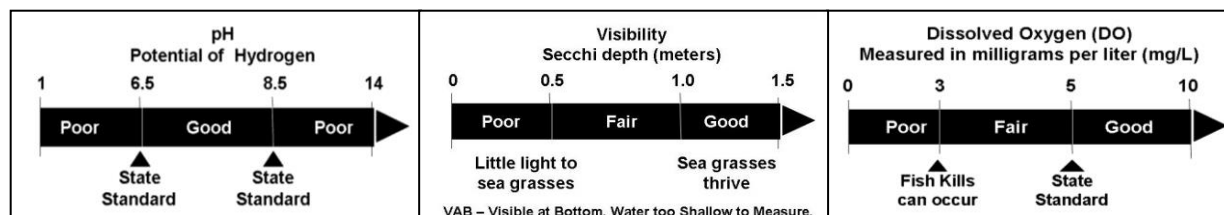
Overall Grade:	71%	C-	SATISFACTORY
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score Grade
1. Winding North Fork	86	7.6	0.5 Fair	5 Good	2.9 Poor	76% C Satisfactory
2. North Fork	91	8.0	0.6 Fair	2 Poor	5.1 Good	66% D Poor
3. South Fork	91	7.7	0.4 Poor	3 Poor	3.7 Fair	51% F Destructive
4. Winding South Fork	90	7.3	0.4 Poor	1 Fair	1.8 Poor	56% F Destructive
5. Wide Middle River	88	7.9	0.4 Poor	11 Poor	4.1 Fair	51% F Destructive
6. Narrow Middle River	86	8.3	0.7 Fair	20 Fair	5.6 Good	76% C Satisfactory
7. Manatee Pocket	90	7.7	1.1 Good	22 Fair	6.4 Good	87% B Good
8. Inlet Area	88	8.2	0.7 Fair	30 Good	3.5 Fair	81% B Good
9. Indian River Lagoon	88	8.1	1.1 Good	31 Good	5.5 Good	97% A Ideal
10. Intracoastal Waterway South	93	7.6	0.7 Fair	26 Fair	4.8 Fair	71% C Satisfactory



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.