

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:

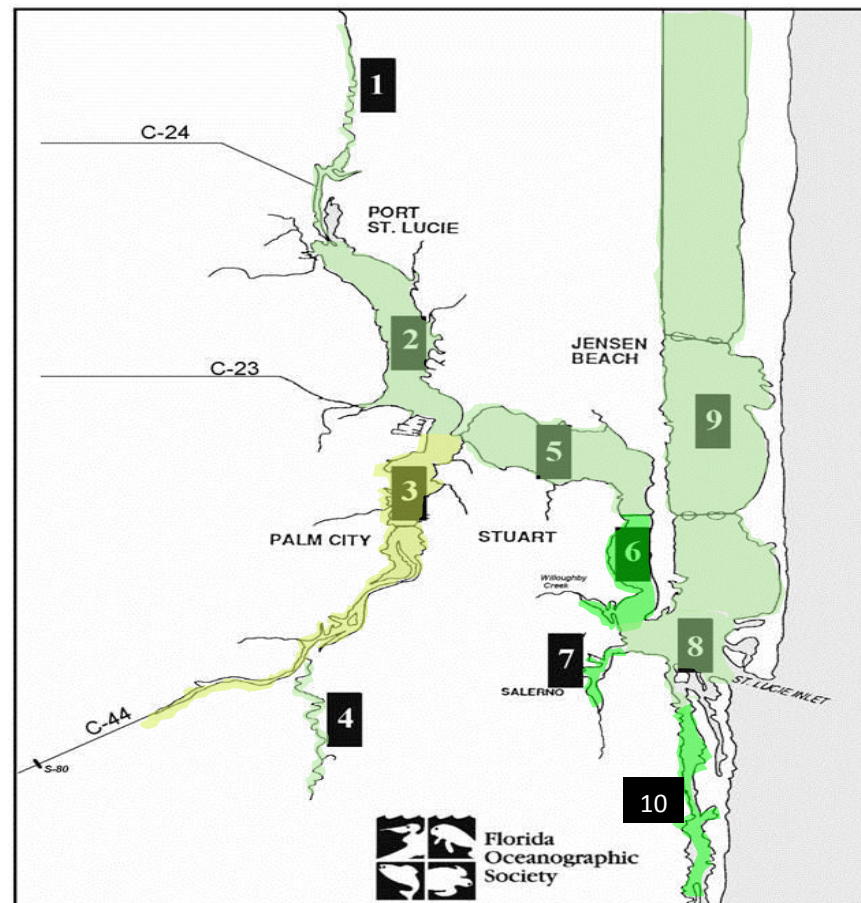
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

03/05/2020

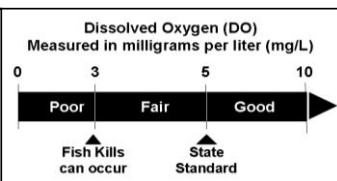
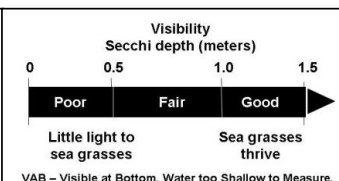
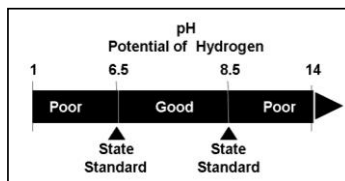
Overall Grade:	89%	B+	GOOD
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score	Grade
1. Winding North Fork	69	7.7	0.7 Fair	4 Good	6.6 Good	87%	B Good
2. North Fork	74	8.2	0.7 Fair	18 Good	7.2 Good	87%	B Good
3. South Fork	72	8.0	0.7 Fair	14 Fair	6.4 Good	76%	C Satisfactory
4. Winding South Fork	70	7.7	0.9 Fair	2 Good	6.1 Good	87%	B Good
5. Wide Middle River	70	8.1	0.8 Fair	21 Good	6.3 Good	87%	B Good
6. Narrow Middle River	71	8.2	1.2 Good	28 Good	6.9 Good	97%	A Ideal
7. Manatee Pocket	68	7.7	1.2 Good	31 Good	6.5 Good	97%	A Ideal
8. Inlet Area	70	8.1	0.9 Fair	35 Good	6.1 Good	87%	B Good
9. Indian River Lagoon	66	7.9	0.6 Fair	35 Good	6.9 Good	87%	B Good
10. Intracoastal Waterway South	73	7.8	1.1 Good	37 Good	5.9 Good	97%	A Ideal



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.