

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:

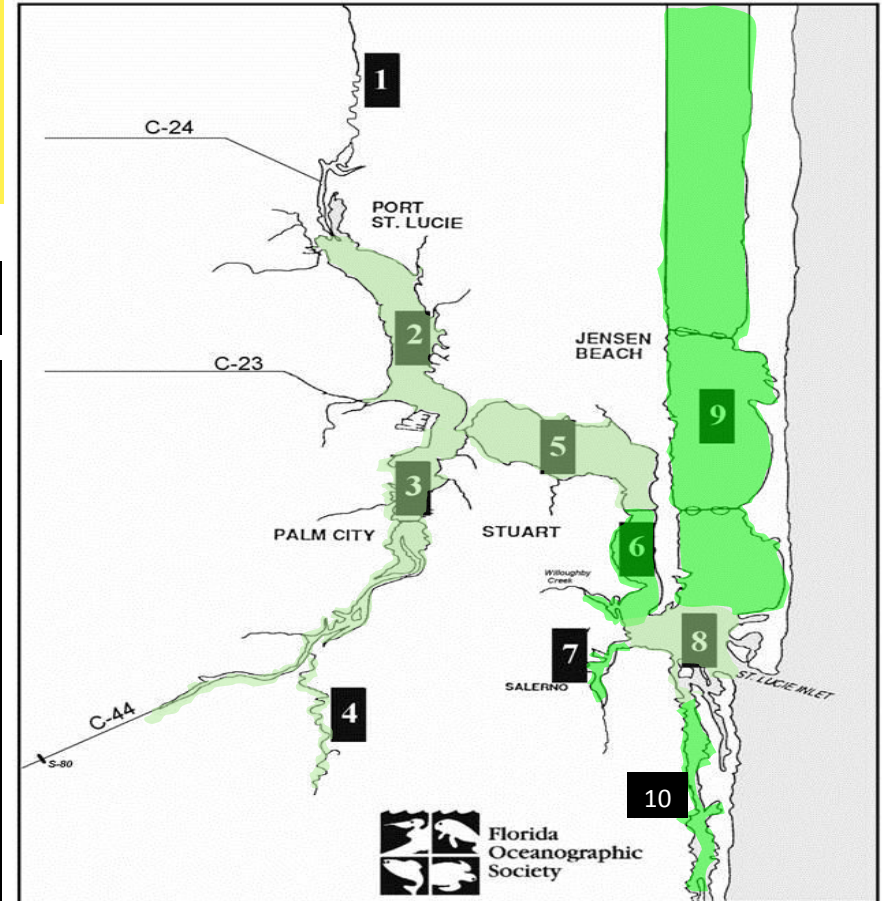
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

04/09/2020

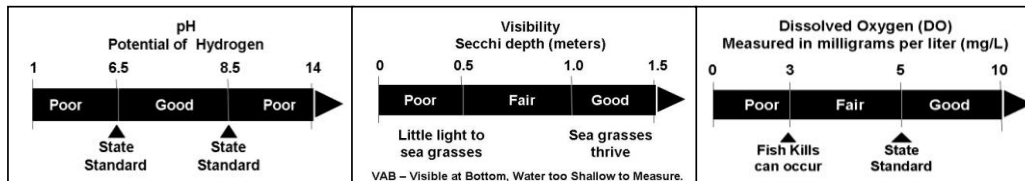
Overall Grade:	90%	A-	GOOD
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade
1. Winding North Fork			Data	Not	Available		
2. North Fork	77	7.8	VAB NoGrade	20 Good	4.5 Fair	88%	B Good
3. South Fork	79	8.1	0.9 Fair	15 Good	4.8 Fair	81%	B Good
4. Winding South Fork	77	7.8	0.9 Fair	8 Good	4.3 Fair	81%	B Good
5. Wide Middle River	75	8.1	0.8 Fair	29 Good	5.2 Good	87%	B Good
6. Narrow Middle River	77	8.3	1.0 Good	34 Good	7.0 Good	97%	A Ideal
7. Manatee Pocket	75	8.0	1.3 Good	30 Good	5.9 Good	97%	A Ideal
8. Inlet Area	74	8.0	0.8 Fair	34 Good	5.9 Good	87%	B Good
9. Indian River Lagoon	80	7.7	1.3 Good	36 Good	6.2 Good	97%	A Ideal
10. Intracoastal Waterway South	79	8.0	1.2 Good	35 Good	4.9 Fair	92%	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.