

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:

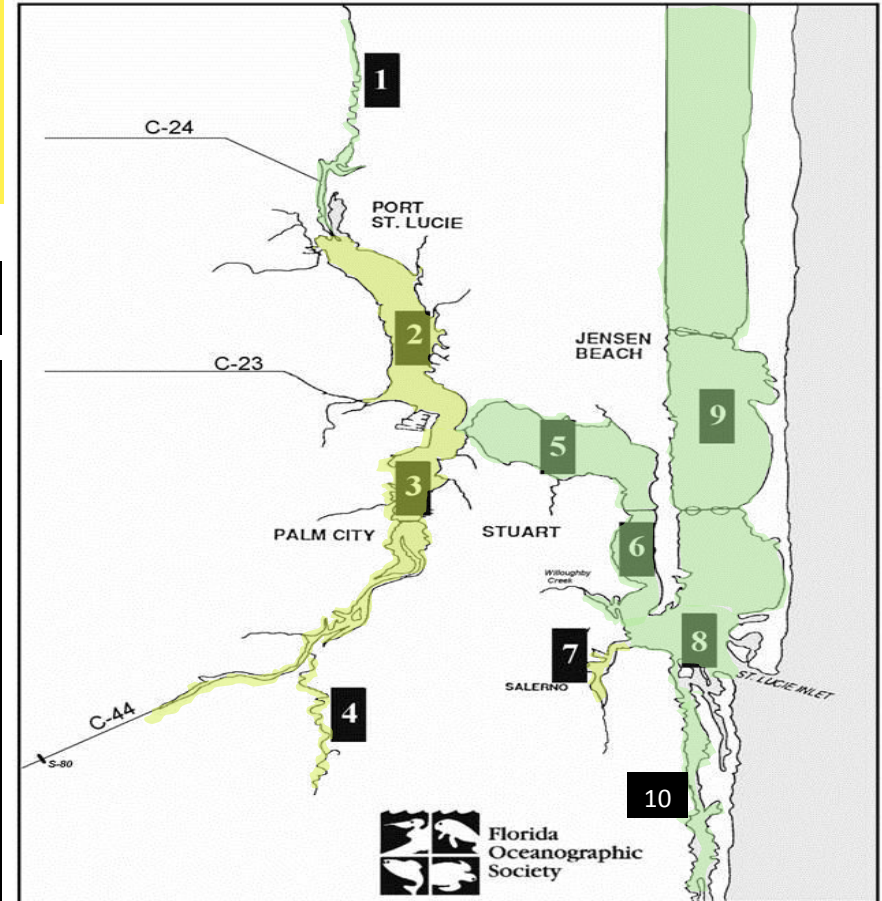
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

02/13/2020

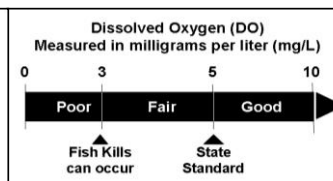
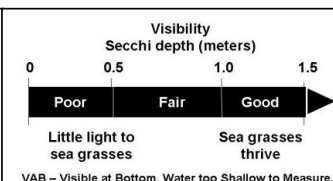
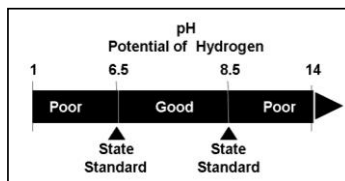
Overall Grade:	82%	B-	GOOD
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Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Location Score	Grade
1. Winding North Fork	67	7.5	0.6 Fair	2 Good	5.9 Good	87%	B Good
2. North Fork	74	8.0	0.8 Fair	10 Fair	7.3 Good	76%	C Satisfactory
3. South Fork	73	7.7	0.6 Fair	11 Fair	5.1 Good	76%	C Satisfactory
4. Winding South Fork	72	7.6	0.7 Fair	2 Fair	4.7 Fair	71%	C Satisfactory
5. Wide Middle River	72	8.0	0.6 Fair	22 Good	6.0 Good	87%	B Good
6. Narrow Middle River	72	8.3	0.9 Fair	30 Good	8.5 Good	87%	B Good
7. Manatee Pocket	73	7.9	1.2 Good	19 Poor	7.4 Good	77%	C Satisfactory
8. Inlet Area	75	8.1	0.9 Fair	33 Good	6.6 Good	87%	B Good
9. Indian River Lagoon	75	8.0	0.6 Fair	31 Good	6.3 Good	87%	B Good
10. Intracoastal Waterway South	72	7.8	0.8 Fair	31 Good	6.0 Good	87%	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.