

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:

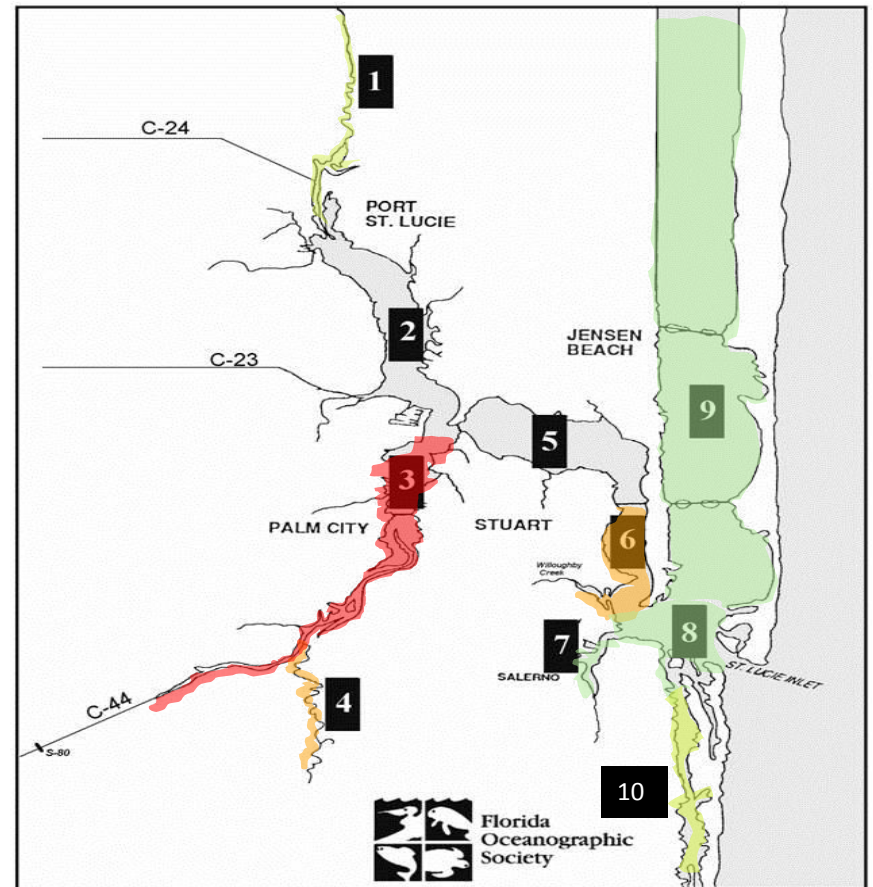
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link

Posted:

09/27/18

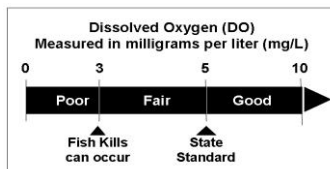
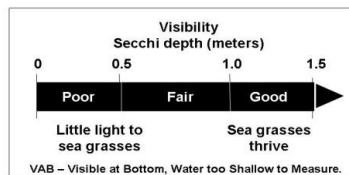
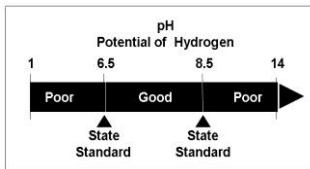
Overall Grade:	72%	C-	SATISFACTORY
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Zone/ Location	Water Temp. Deg. F	pH	Visibility (Secchi) Meters	Salinity ppt	Dissolved Oxygen mg/L	Location Score Grade
1. Winding North Fork	84	7.7	0.5 Fair	2 Fair	4.4 Fair	71% C Satisfactory
2. North Fork			Data	Not	Available	
3. South Fork	86	8.0	0.4 Poor	0 Poor	4.9 Fair	51% F Destructive
4. Winding South Fork	85	7.7	0.7 Fair	1 Poor	3.1 Fair	61% D Poor
5. Wide Middle River			Data	Not	Available	
6. Narrow Middle River	86	8.2	0.8 Fair	13 Poor	5.8 Good	66% D Poor
7. Manatee Pocket	85	7.8	1.3 Good	20 Fair	3.6 Fair	81% B Good
8. Inlet Area	87	8.2	1.0 Good	27 Fair	5.7 Good	87% B Good
9. Indian River Lagoon	85	8.3	1.0 Fair	32 Good	5.1 Good	87% B Good
10. Intracoastal Waterway South	91	7.7	0.9 Fair	29 Fair	4.3 Fair	71% C Satisfactory



Overall Grading				
A	B	C	D	F
100-90	89-80	79-70	69-60	69-0
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
6	IRL & Intracoastal W'wy	> 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.