

# St. Lucie River Estuary Water Quality Report

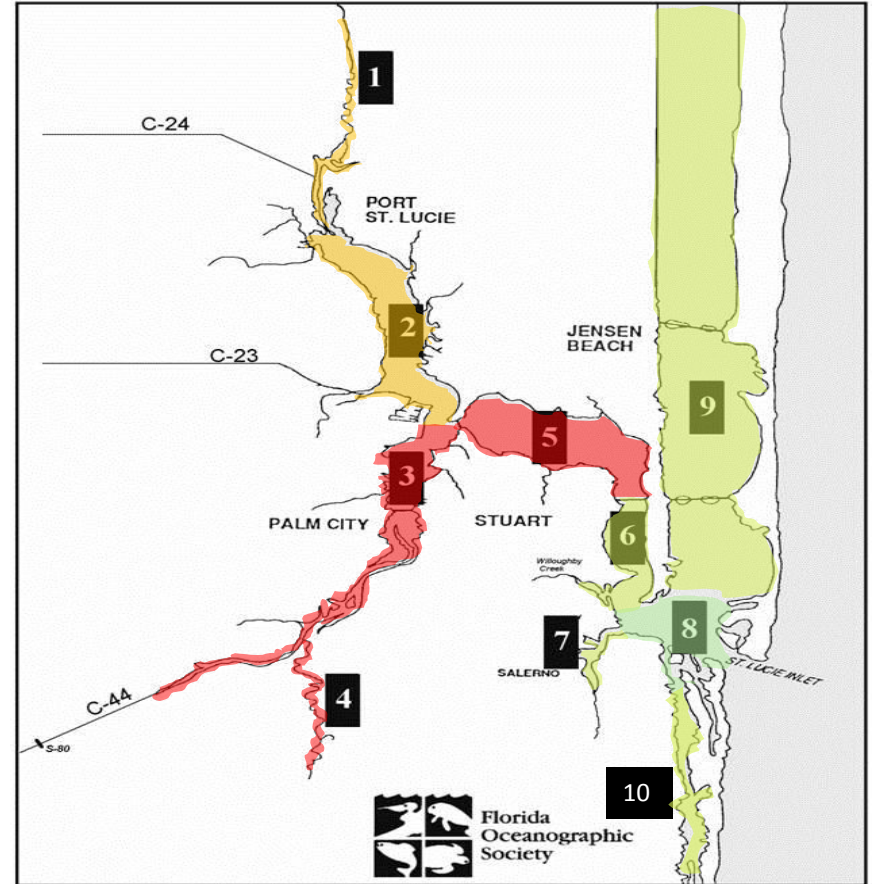
This information is provided by the Florida Oceanographic Society with support of the Marine Resources Council. It is collected by the Citizen Volunteer Water Quality Monitoring Network. For historical data go to our website at: <http://www.floridaocean.org>

For sample results related to bacteria levels go to: <http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link

Posted: **07/19/18**

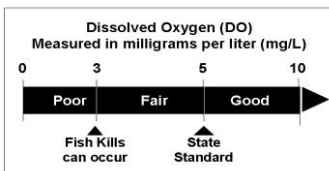
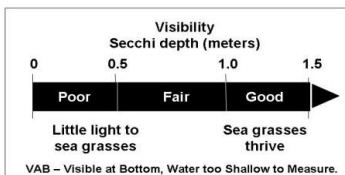
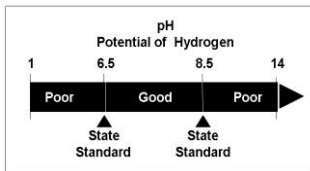
Overall Grade:	<b>65%</b>	<b>D</b>	<b>POOR</b>
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Zone/ Location	Water Temp. Deg. F	pH	Visibility (Secchi) Meters	Salinity ppt	Dissolved Oxygen mg/L	Location Score	Grade
1. Winding North Fork	85	7.4	0.5 Fair	0 Poor	4.1 Fair	61%	D Poor
2. North Fork	79	7.8	0.6 Fair	2 Poor	4.6 Fair	61%	D Poor
3. South Fork	87	7.5	0.2 Poor	0 Poor	4.8 Fair	51%	F Destructive
4. Winding South Fork	86	7.5	0.4 Poor	0 Poor	2.5 Poor	46%	F Destructive
5. Wide Middle River	90	8.1	0.5 Poor	5 Poor	4.8 Fair	51%	F Destructive
6. Narrow Middle River	82	8.2	0.8 Fair	22 Fair	5.2 Good	76%	C Satisfactory
7. Manatee Pocket	88	7.7	1.1 Good	15 Poor	3.7 Fair	71%	C Satisfactory
8. Inlet Area	88	8.4	1.1 Good	29 Fair	6.1 Good	87%	B Good
9. Indian River Lagoon	86	8.3	0.9 Fair	30 Fair	5.4 Good	76%	C Satisfactory
10. Intracoastal Waterway South	93	7.5	0.8 Fair	29 Fair	3.5 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.