

# 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:

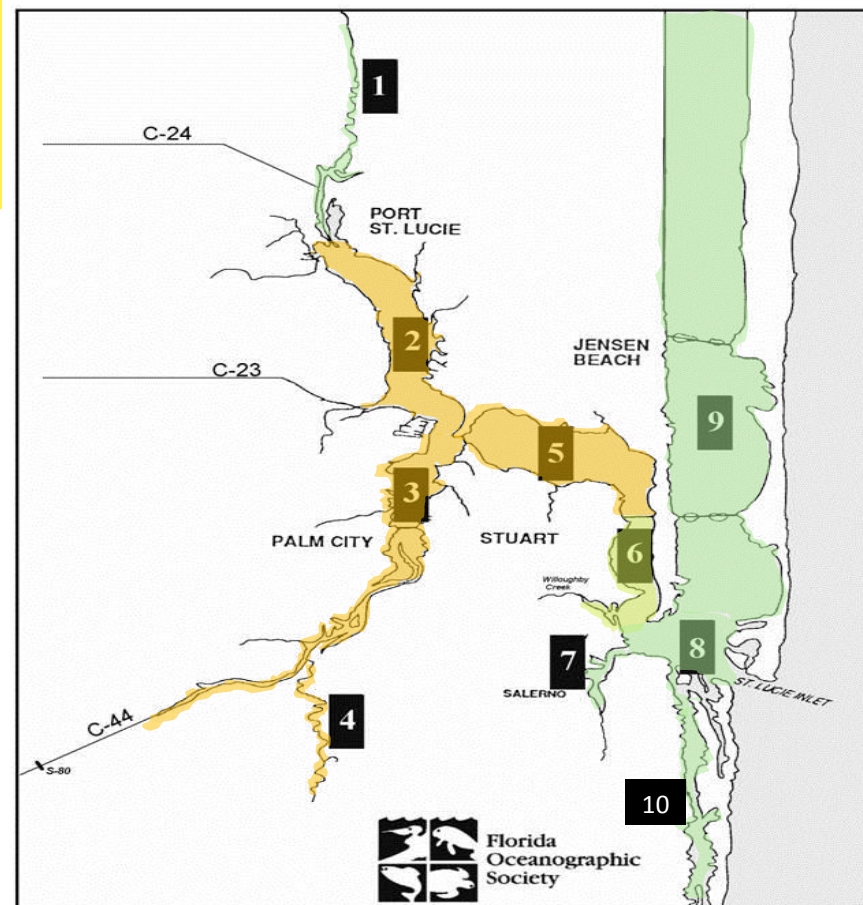
<http://martin.floridahealth.gov/programs-and-services/> and click on the Environmental Health link.

Posted:

**01/09/2020**

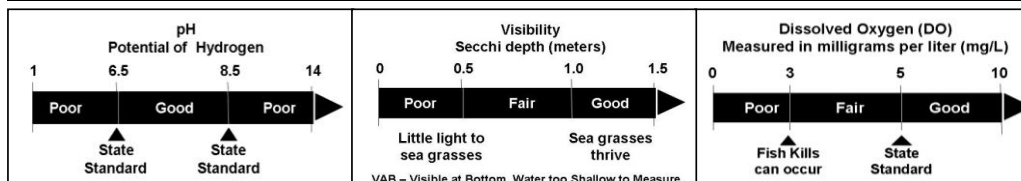
Overall Grade:	<b>77%</b>	<b>C+</b>	<b>SATISFACTORY</b>
----------------	------------	-----------	---------------------

Zone and Location	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade
1. Winding North Fork	65	7.5	0.6 Fair	2 Good	5.7 Good	87%	B Good
2. North Fork	70	8.1	0.7 Fair	2 Poor	5.5 Good	66%	D Poor
3. South Fork	67	7.6	0.5 Fair	3 Poor	6.0 Good	66%	D Poor
4. Winding South Fork	68	7.1	0.6 Fair	1 Poor	4.0 Fair	61%	D Poor
5. Wide Middle River	64	8.0	0.7 Fair	11 Poor	6.1 Good	66%	D Poor
6. Narrow Middle River	70	7.9	1.1 Good	18 Poor	6.5 Good	77%	C Satisfactory
7. Manatee Pocket	63	8.0	1.1 Good	20 Fair	7.5 Good	87%	B Good
8. Inlet Area	67	8.2	1.0 Good	25 Fair	6.5 Good	87%	B Good
9. Indian River Lagoon	68	8.0	0.6 Fair	35 Good	7.0 Good	87%	B Good
10. Intracoastal Waterway South	68	7.8	1.1 Good	29 Fair	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.