

# Florida Oceanographic Society Weekly Water Quality Report

Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports or to support our water quality monitoring visit [www.floridaocean.org/water-quality](http://www.floridaocean.org/water-quality)

Reporting Week 3/18/2021 to 3/24/2021

Posted: 3/25/2021

Habitat Health  
Overall Grade:

86%

B

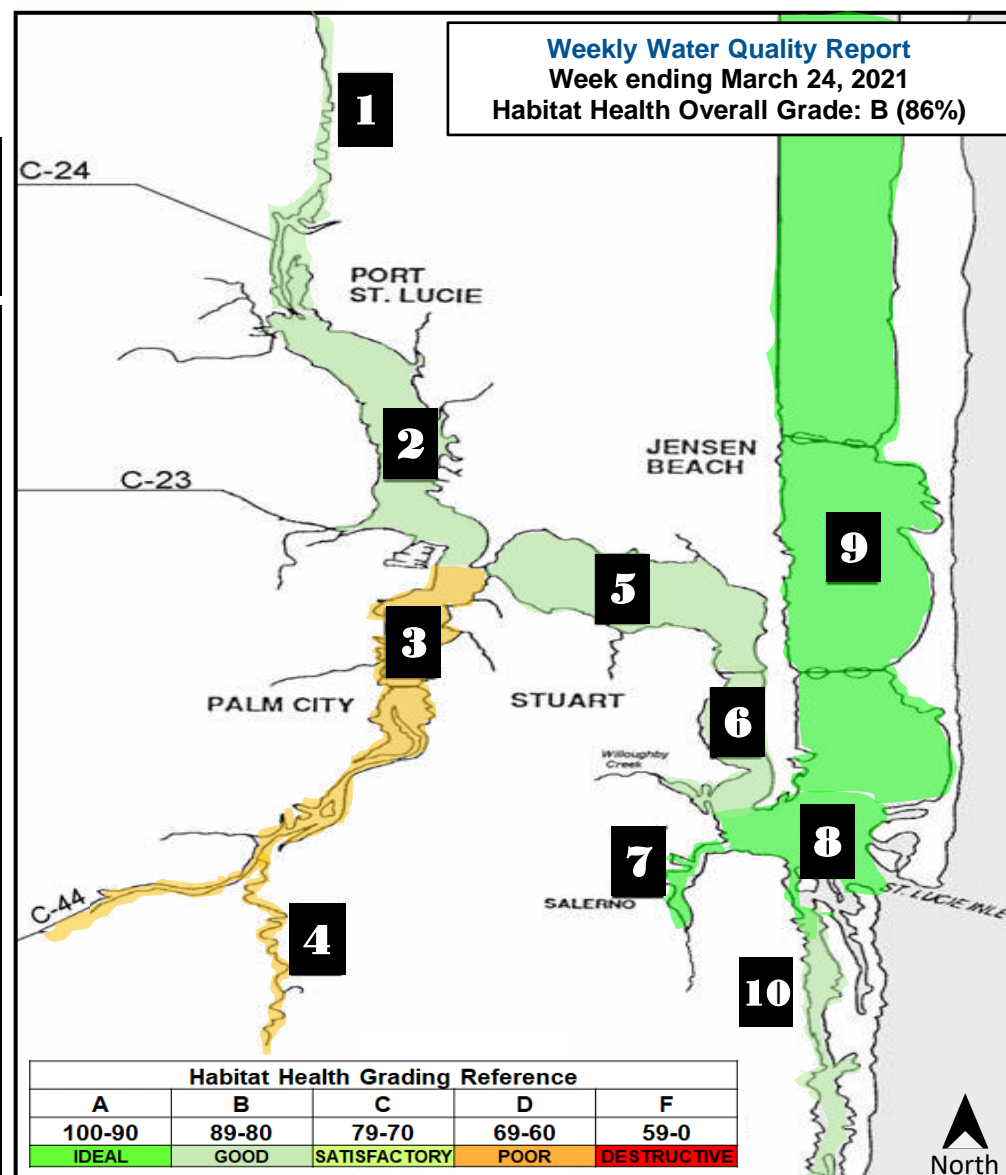
GOOD

Zone	Location	# of Reports	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade
1	Winding North Fork	1	73	7.6	1.0 Good	19 Fair	5.1 Good	87% Good	B
2	North Fork	3	70	8.1	1.0 Good	13 Fair	6.0 Good	87% Good	B
3	South Fork	5	71	8.1	0.6 Fair	7 Poor	6.7 Good	66% Poor	D
4	Winding South Fork	1	73	7.6	0.4 Poor	1 Fair	5.5 Good	66% Poor	D
5	Wide Middle River	4	73	8.1	1.1 Good	20 Fair	6.2 Good	87% Good	B
6	Narrow Middle River	2	70	8.0	1.7 Good	23 Fair	6.9 Good	87% Good	B
7	Manatee Pocket	2	72	8.0	1.4 Good	31 Good	8.6 Good	97% Ideal	A
8	Inlet Area	3	75	8.2	1.6 Good	32 Good	5.9 Good	97% Ideal	A
9	Indian River Lagoon	4	73	8.1	1.0 Good	34 Good	6.6 Good	97% Ideal	A
10	Intracoastal Waterway South	1	73	7.6	0.8 Fair	32 Good	5.5 Good	87% Good	B

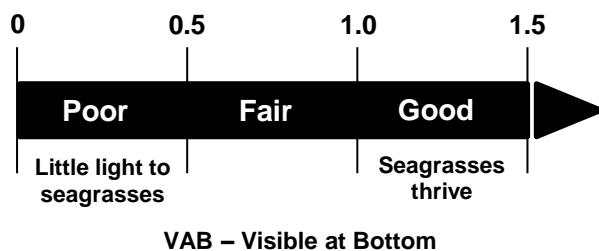


**WaterQUEST**  
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS  
FLORIDA OCEANOGRAPHIC SOCIETY

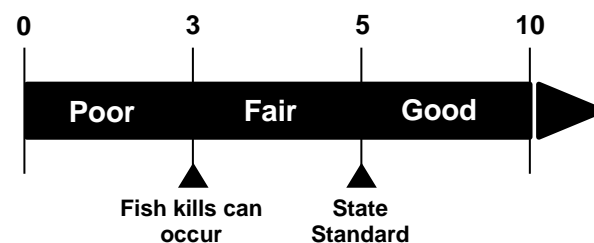
Weekly Water Quality Report  
Week ending March 24, 2021  
Habitat Health Overall Grade: B (86%)



**Visibility**  
Secchi Depth (m)



**Dissolved Oxygen**  
Measured in milligrams per liter (mg/L)



**Salinity**  
Measured in parts per thousand (ppt)

Zone	Poor	Fair	Good
1 & 4	< 1 or > 15	1 - 2 or 8 - 15	2 - 8
2 & 3	< 10	10 - 15 or > 25	15 - 25
5	< 15	15 - 20	> 20
6	< 20	20 - 25	> 25
7	< 20	20 - 27.5	> 27.5
8, 9, & 10	< 25	25 - 30	> 30

Disclaimer: The data above indicates changes in water quality parameters to evaluate habitat health. This map is not to be used to indicate current bacteria levels, nutrient levels, or the presence of harmful algae blooms. For up to date information on bacteria levels, visit the Florida Health Beaches Program (<http://www.floridahealth.gov/environmental-health/beach-water-quality/>). For up to date information on nutrients levels, visit ORCA Kilroy (<http://api.kilroydata.org/public/>) or HBOI LOBO (<http://fau.loboviz.com/>). For up to date information about algae blooms, visit the Florida DEP's algae bloom dashboard (<https://floridadep.gov/algabloom/>).