

# Weekly Water Quality Report

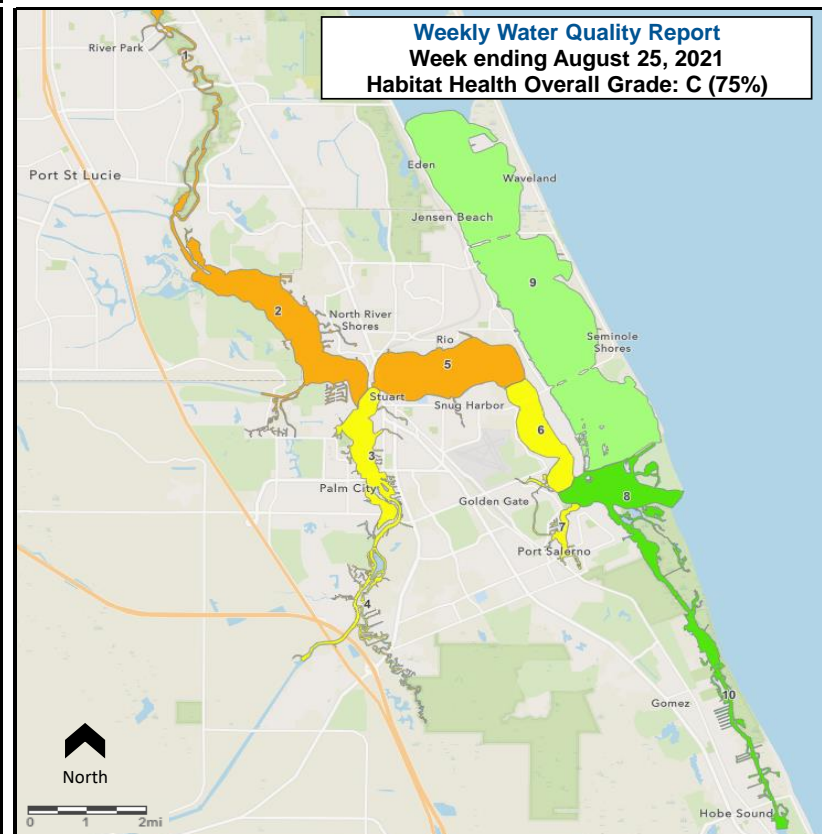
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



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

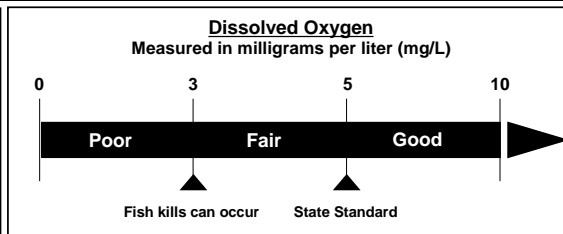
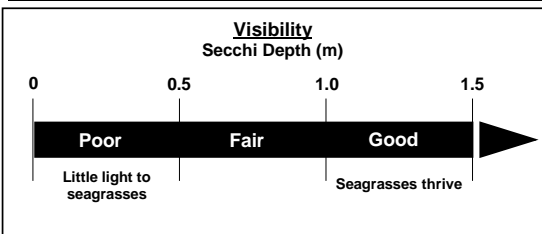
Reporting Week: Aug 19 2021 to Aug 25 2021

HABITAT HEALTH OVERALL GRADE		SCORE 75%		GRADE C		STATUS SATISFACTORY		
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	3	25	7.5	0.8 Fair	0 Poor	3.0 Fair	61% D Poor
2	North Fork	4	31	7.9	0.7 Fair	1 Poor	4.6 Fair	61% D Poor
3	South Fork	5	29	7.8	0.5 Poor	3 Good	4.2 Fair	71% C Satisfactory
4	Winding South Fork	3	32	7.8	0.6 Fair	3 Good	2.9 Poor	76% C Satisfactory
5	Wide Middle River	2	31	7.7	0.7 Fair	5 Poor	3.2 Fair	61% D Poor
6	Narrow Middle River	2	30	8.0	1.2 Good	16 Poor	7.3 Good	77% C Satisfactory
7	Manatee Pocket	4	30	7.6	1.1 Good	19 Poor	4.8 Fair	71% C Satisfactory
8	Inlet Area	3	30	8.3	1.3 Good	33 Good	5.3 Good	97% A Ideal
9	Indian River Lagoon	5	29	8.1	0.7 Fair	32 Good	6.0 Good	87% B Good
10	Intracoastal Waterway South	2	30	8.1	1.5 Good	36 Good	4.1 Fair	92% A Ideal



Habitat Health Grading Reference

IDEAL	GOOD	SATISFACTORY	POOR	DESTRUCTIVE
A (90 - 100)	B (80 - 89)	C (70 - 79)	D (60 - 69)	F (50 - 59)



**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/>).