

# Weekly Water Quality Report

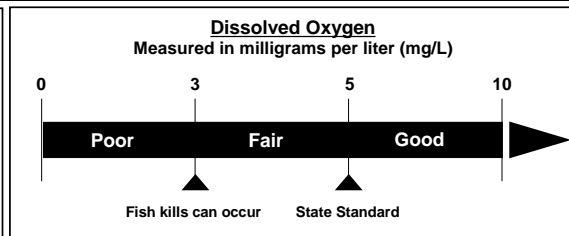
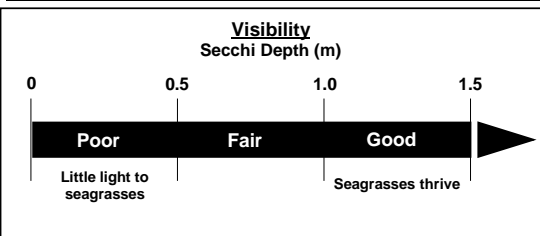
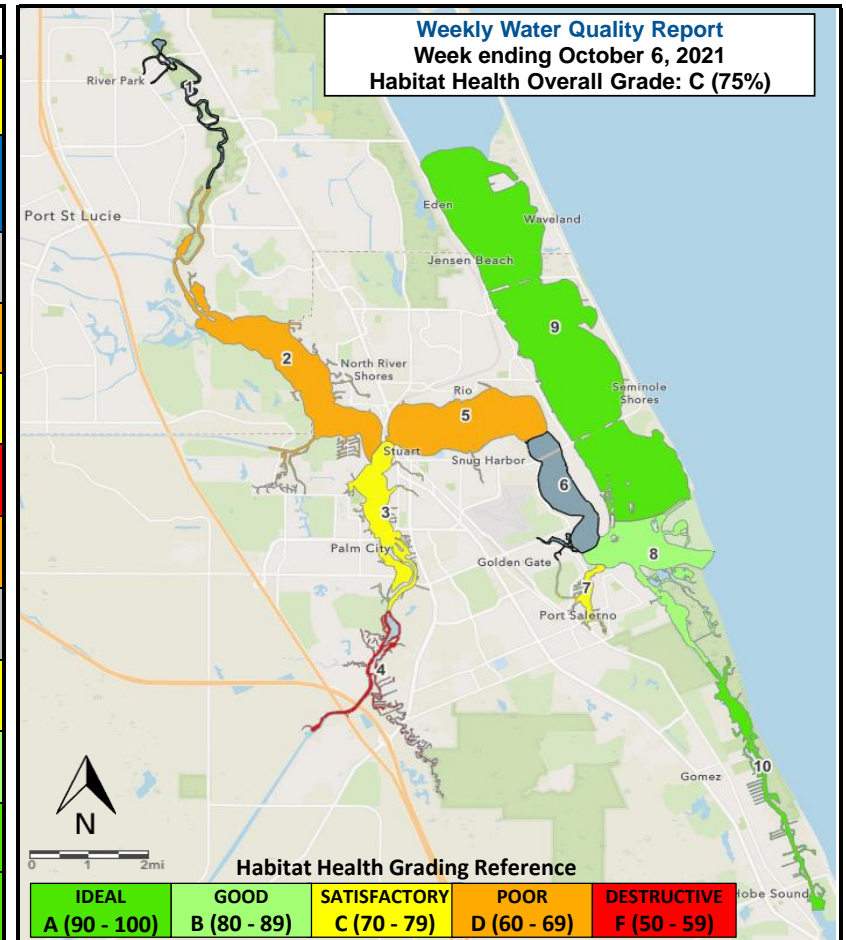
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water 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: September 30 2021 to October 6 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	0			Data	Not	Available		
2	North Fork	2	28	7.8	1.0 Fair	3 Poor	4.4 Fair	61% Poor	D
3	South Fork	5	27	7.8	0.5 Poor	2 Good	4.6 Fair	71% Satisfactory	C
4	Winding South Fork	3	28	7.5	0.6 Fair	0 Poor	2.8 Poor	56% Destructive	F
5	Wide Middle River	3	27	7.8	0.9 Fair	10 Poor	4.5 Fair	61% Poor	D
6	Narrow Middle River	0			Data	Not	Available		
7	Manatee Pocket	3	29	7.7	1.0 Good	17 Poor	5.1 Good	77% Satisfactory	C
8	Inlet Area	4	28	8.3	1.1 Good	28 Fair	4.9 Fair	81% Good	B
9	Indian River Lagoon	6	28	8.2	1.5 Good	31 Good	5.3 Good	97% Ideal	A
10	Intracoastal Waterway South	2	29	7.9	1.5 Good	31 Good	4.0 Fair	92% Ideal	A



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/>).