

# Weekly Water Quality Report

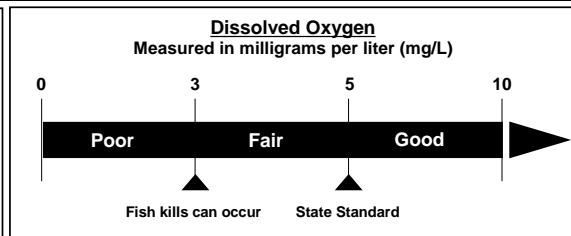
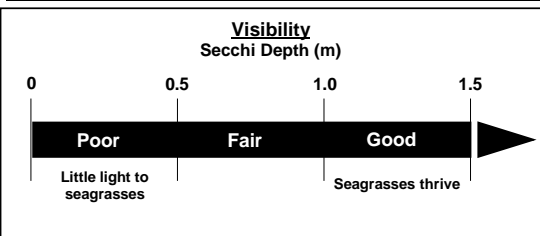
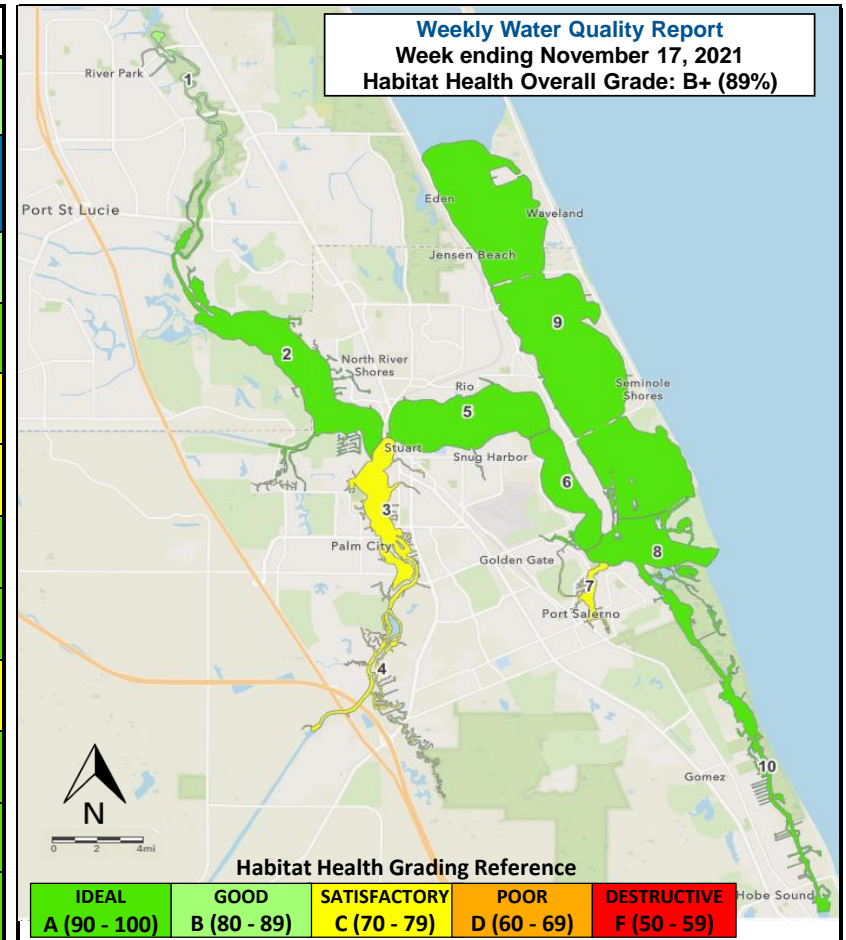
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water 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: November 11 2021 to November 17 2021

HABITAT HEALTH OVERALL GRADE		SCORE 89%		GRADE B+		STATUS GOOD		
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	1	23	7.6	1.1 Good	10 Fair	4.8 Fair	81% Good B
2	North Fork	5	22	8.0	1.1 Good	16 Good	5.2 Good	97% Ideal A
3	South Fork	4	21	7.7	0.9 Fair	15 Fair	5.4 Good	76% Satisfactory C
4	Winding South Fork	3	21	7.4	0.6 Fair	2 Good	3.0 Poor	76% Satisfactory C
5	Wide Middle River	4	22	7.8	1.2 Good	24 Good	5.5 Good	97% Ideal A
6	Narrow Middle River	4	25	7.9	2.0 Good	27 Good	5.1 Good	97% Ideal A
7	Manatee Pocket	4	22	7.8	1.3 Good	20 Poor	5.5 Good	77% Satisfactory C
8	Inlet Area	4	23	8.4	1.7 Good	31 Good	6.4 Good	97% Ideal A
9	Indian River Lagoon	6	22	8.1	1.1 Good	33 Good	6.0 Good	97% Ideal A
10	Intracoastal Waterway South	3	23	7.6	1.4 Good	30 Good	4.7 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/>).