

Weekly Water Quality Report

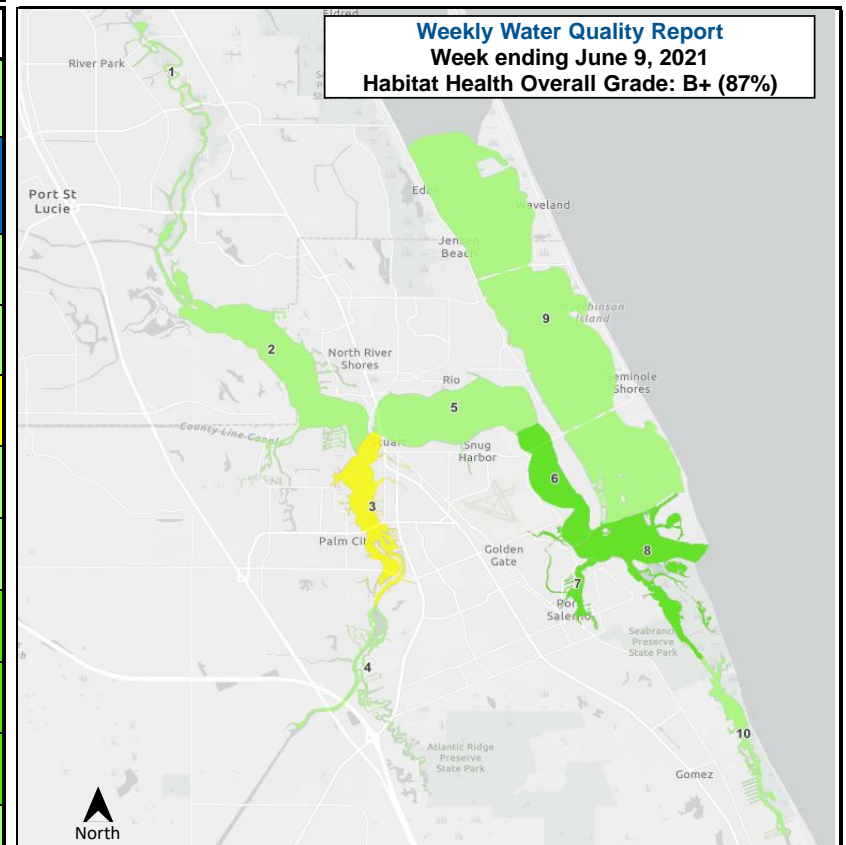
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



WATERQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: 3-June 2021 to 9-June 2021

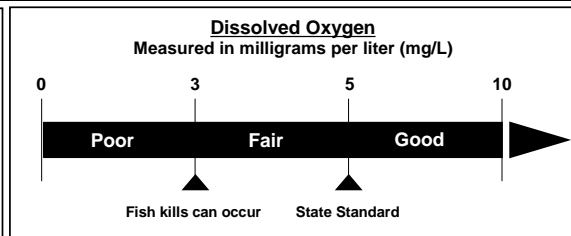
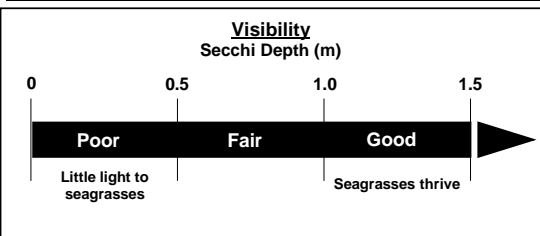
HABITAT HEALTH OVERALL GRADE		SCORE		GRADE		STATUS			
		87%		B+		GOOD			
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade Status
1	Winding North Fork	2	28	7.7	0.7 Fair	3 Good	5.5 Good	87% Good	B
2	North Fork	3	27	7.9	0.9 Fair	18 Good	4.9 Fair	81% Good	B
3	South Fork	3	29	8.0	0.4 Poor	17 Good	3.8 Fair	71% Satisfactory	C
4	Winding South Fork	2	30	7.9	0.6 Fair	6 Good	5.6 Good	87% Good	B
5	Wide Middle River	4	29	8.0	0.6 Fair	26 Good	5.2 Good	87% Good	B
6	Narrow Middle River	2	30	8.0	1.1 Good	31 Good	5.8 Good	97% Ideal	A
7	Manatee Pocket	3	30	8.0	1.1 Good	31 Good	5.2 Good	97% Ideal	A
8	Inlet Area	1	29	8.4	2.4 Good	32 Good	5.6 Good	97% Ideal	A
9	Indian River Lagoon	4	27	8.2	0.7 Fair	35 Good	6.1 Good	87% Good	B
10	Intracoastal Waterway South	2	27	7.9	0.9 Fair	32 Good	4.1 Fair	81% Good	B



Weekly Water Quality Report
Week ending June 9, 2021
Habitat Health Overall Grade: **B+ (87%)**

Habitat Health Grading Reference

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



Zone	Salinity Measured in parts per thousand (ppt)		
	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/>).