

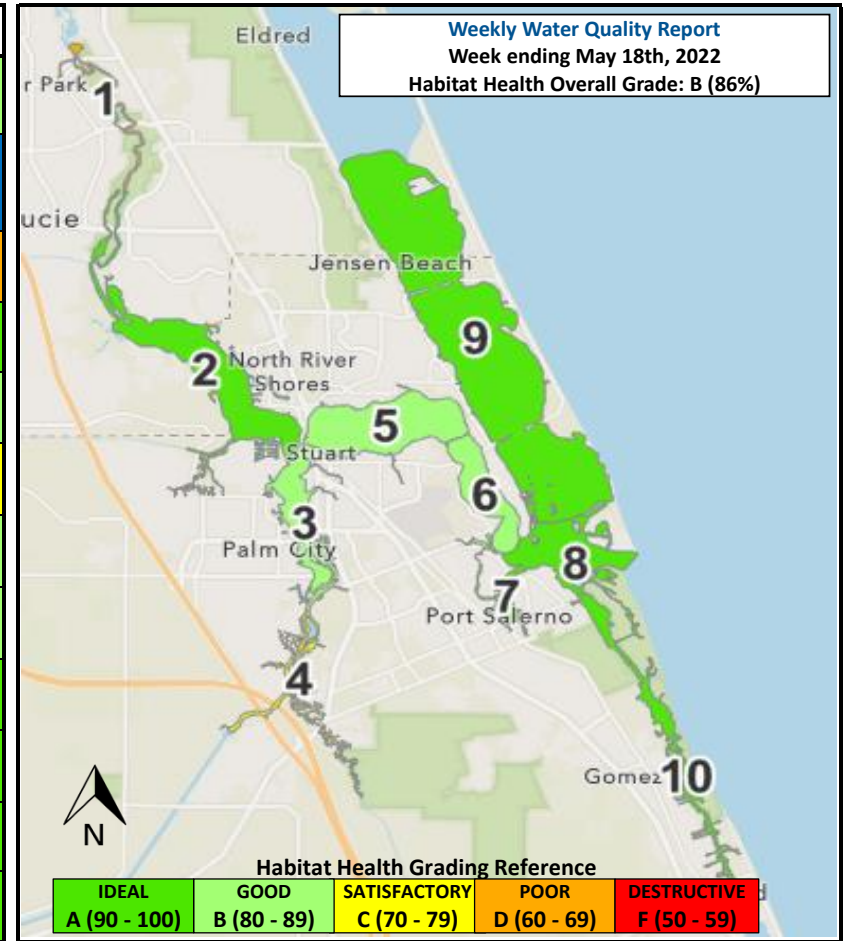
Weekly Water Quality Report

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



Reporting Week: May 12th 2022 to May 18th 2022

HABITAT HEALTH OVERALL GRADE		SCORE 86%		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	2	24	7.4	0.9 Fair	0 Poor	4.275 Fair	61% D Poor
2	North Fork	4	28	7.9	1.1 Good	21 Good	4.4 Fair	92% A Ideal
3	South Fork	5	28	8.0	0.7 Fair	22 Fair	4.9 Fair	81% B Good
4	Winding South Fork	5	28	7.6	0.9 Fair	8 Fair	3.8 Fair	71% C Satisfactory
5	Wide Middle River	5	27	7.9	0.8 Fair	26 Good	4.4 Fair	81% B Good
6	Narrow Middle River	4	29	8.0	1.0 Fair	29 Good	5.6 Good	87% B Good
7	Manatee Pocket	3	28	8.0	1.2 Good	33 Good	5.2 Good	97% A Ideal
8	Inlet Area	3	20	8.3	1.1 Good	34 Good	5.9 Good	97% A Ideal
9	Indian River Lagoon	6	27	8.0	1.5 Good	35 Good	5.7 Good	97% A Ideal
10	Intracoastal Waterway South	3	28	7.9	1.6 Good	37 Good	4.5 Fair	92% A Ideal



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 (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 (www.iron.org/?health). For up to date information about algae blooms, visit the Florida DEP's algae bloom dashboard (www.floridadep.gov/algabloom).