Weekly Water Quality Report

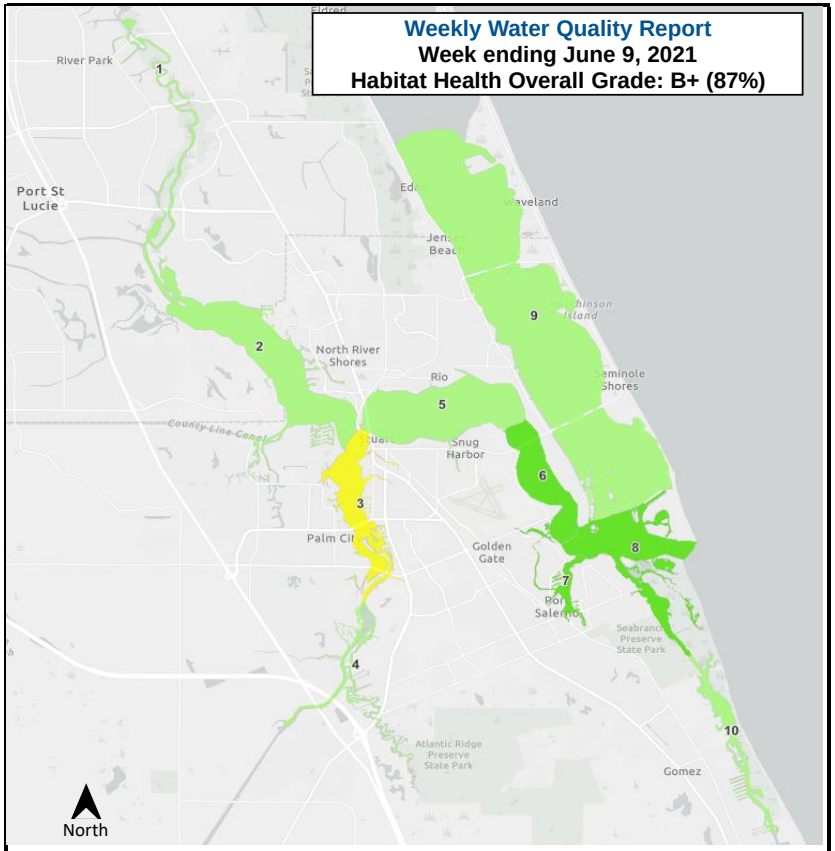
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water 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%	B	Good
2	North Fork	3	27	7.9	0.9 Fair	18 Good	4.9 Fair	81%	B	Good
3	South Fork	3	29	8.0	0.4 Poor	17 Good	3.8 Fair	71%	C	Satisfactory
4	Winding South Fork	2	30	7.9	0.6 Fair	6 Good	5.6 Good	87%	B	Good
5	Wide Middle River	4	29	8.0	0.6 Fair	26 Good	5.2 Good	87%	B	Good
6	Narrow Middle River	2	30	8.0	1.1 Good	31 Good	5.8 Good	97%	A	Ideal
7	Manatee Pocket	3	30	8.0	1.1 Good	31 Good	5.2 Good	97%	A	Ideal
8	Inlet Area	1	29	8.4	2.4 Good	32 Good	5.6 Good	97%	A	Ideal
9	Indian River Lagoon	4	27	8.2	0.7 Fair	35 Good	6.1 Good	87%	B	Good
10	Intracoastal Waterway South	2	27	7.9	0.9 Fair	32 Good	4.1 Fair	81%	B	Good

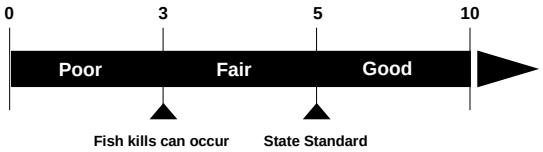


Habitat Health Grading Reference

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

Visibility
Secchi Depth (m)

Dissolved Oxygen
Measured in milligrams per liter (mg/L)



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