

Weekly Water Quality Report

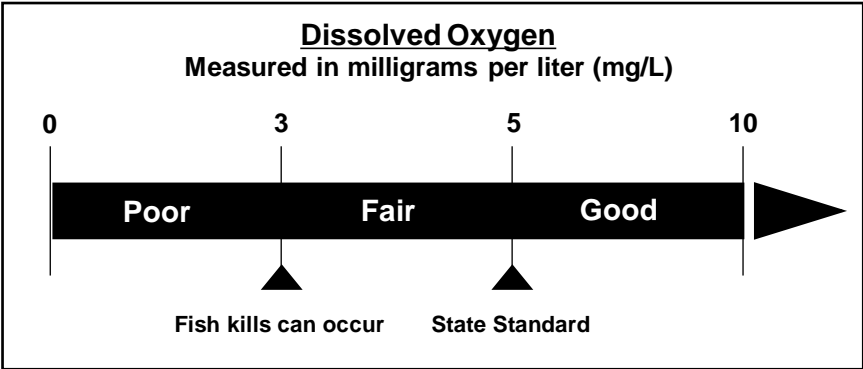
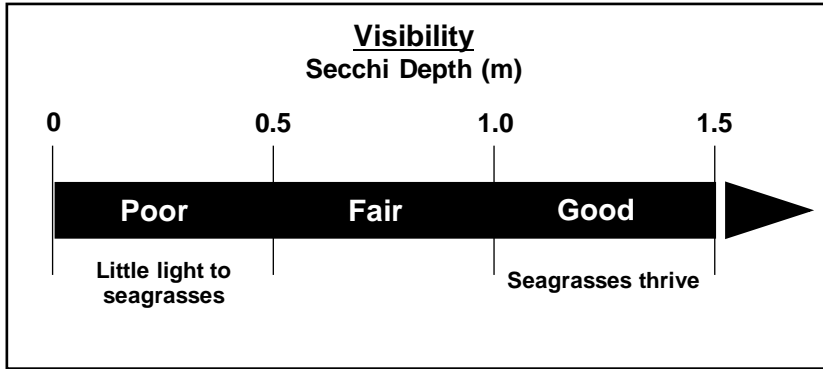
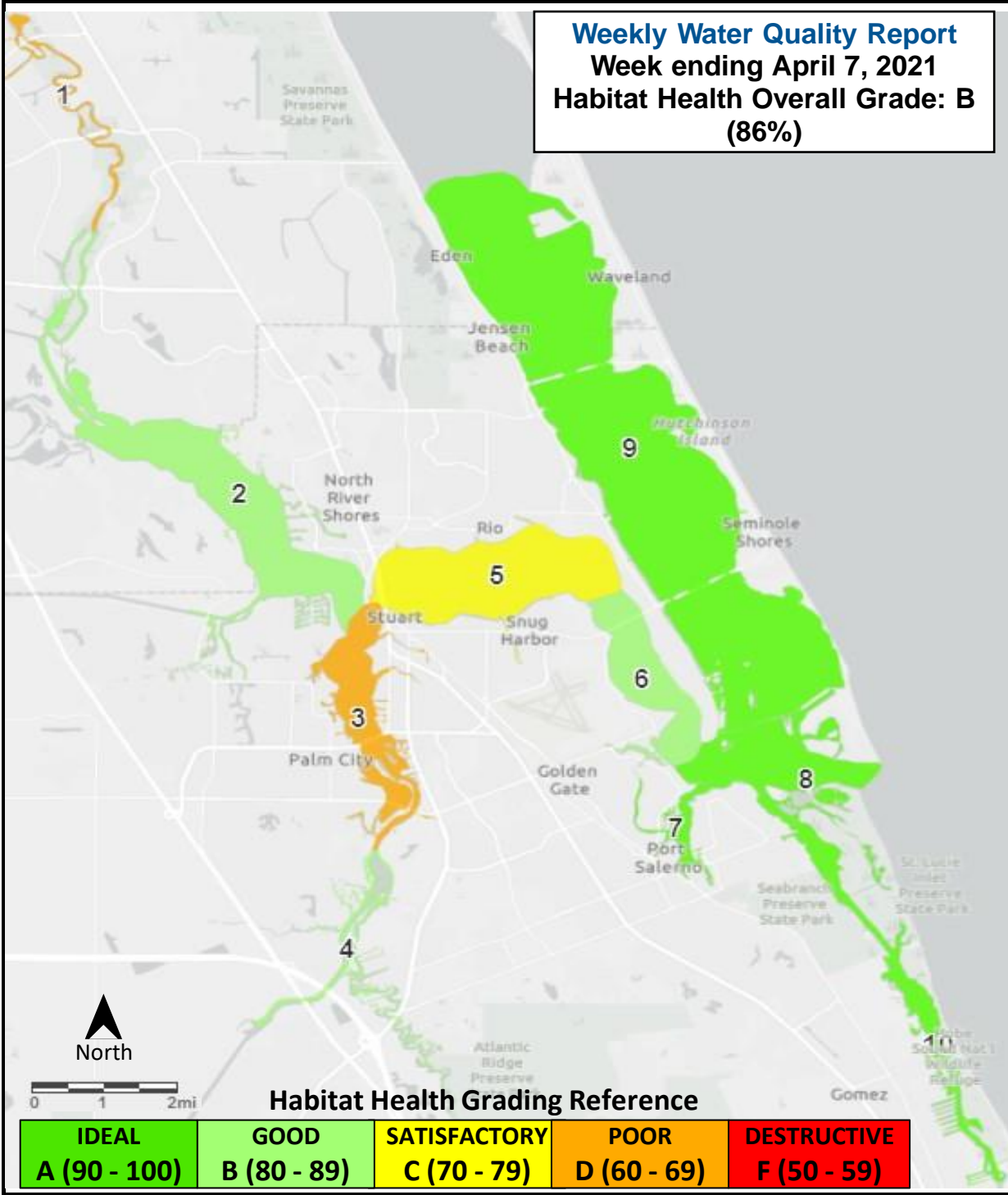
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



WATERQUEST

WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: 31-Mar 2021 to 7-April-2021				Posted: 8-April-2021				
HABITAT HEALTH OVERALL GRADE		SCORE 86%		GRADE B		STATUS GOOD		
Zone	Location	# of Reports	Water Temp. (oC)	pH	Secchi Visibility (M)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	1	23	7.5	0.3 Poor	15 Fair	5.1 Good	66% Poor D
2	North Fork	1	20	8.0	1.0 Good	10 Fair	6.6 Good	87% Good B
3	South Fork	5	22	8.1	0.6 Fair	5 Poor	7.3 Good	66% Poor D
4	Winding South Fork	1	23	7.8	0.8 Fair	2 Good	6.6 Good	87% Good B
5	Wide Middle River	4	21	8.1	0.8 Fair	19 Fair	6.4 Good	76% Satisfactory C
6	Narrow Middle River	2	22	8.3	0.9 Fair	26 Good	8.0 Good	87% Good B
7	Manatee Pocket	3	23	7.9	1.1 Good	30 Good	6.0 Good	97% Ideal A
8	Inlet Area	3	23	8.4	1.1 Good	31 Good	6.6 Good	97% Ideal A
9	Indian River Lagoon	4	23	8.0	1.0 Good	34 Good	6.6 Good	97% Ideal A
10	Intracoastal Waterway South	1	24	7.8	1.0 Good	33 Good	6.1 Good	97% 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>).