

# Weekly Water Quality Report

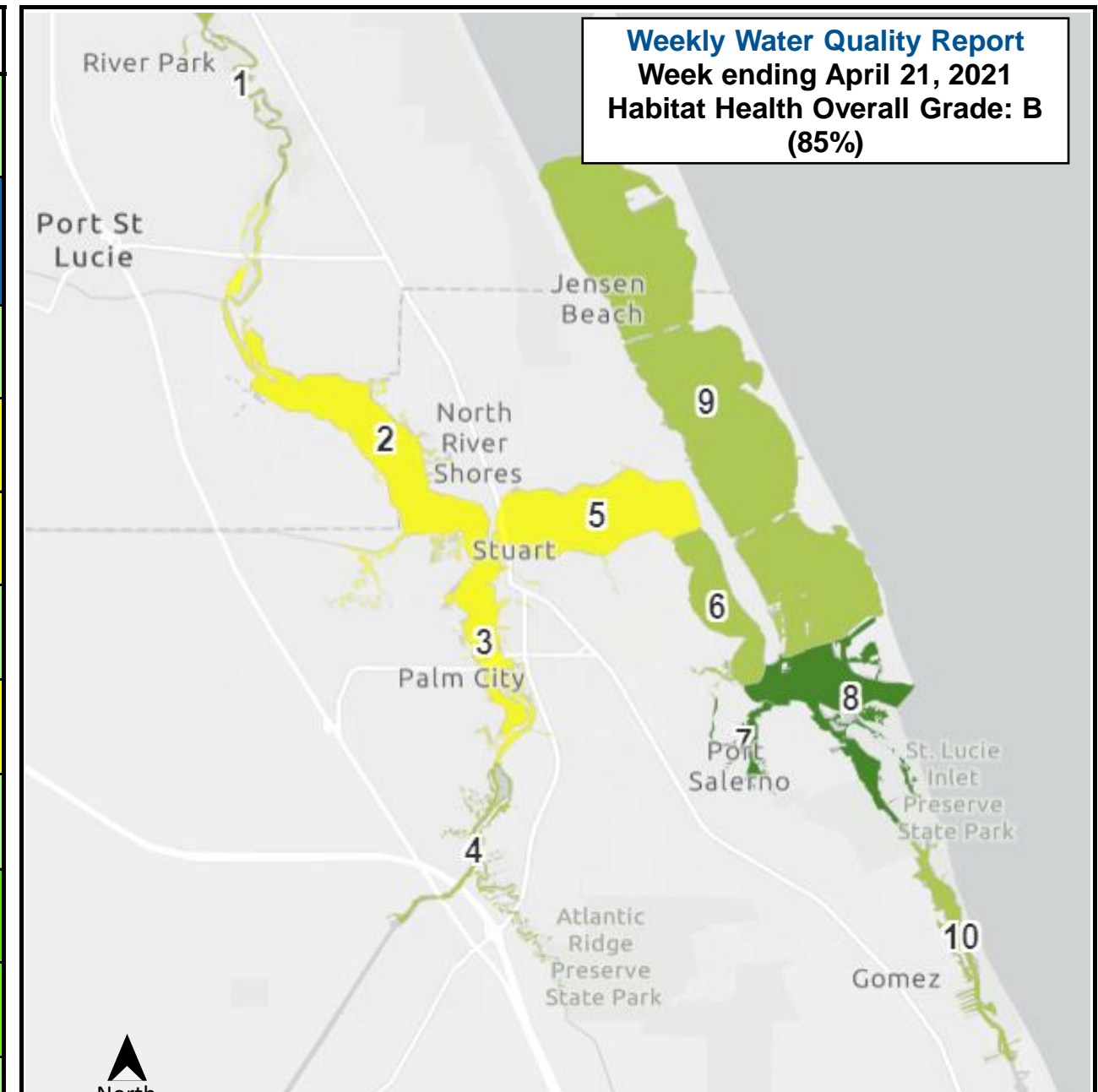
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



**WATERQUEST**  
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS  
FLORIDA OCEANOGRAPHIC SOCIETY

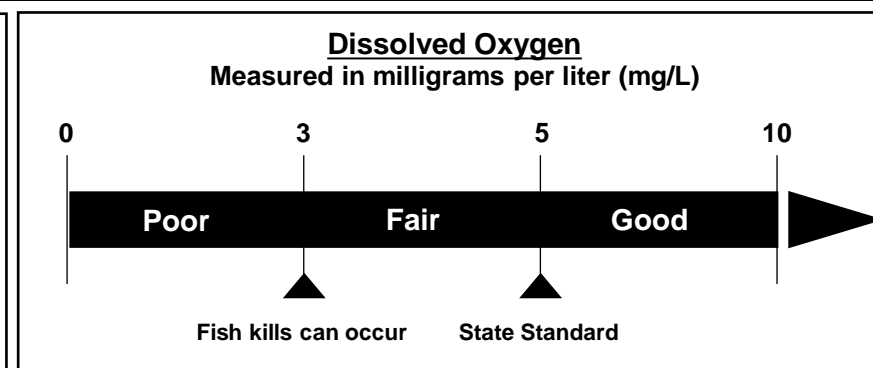
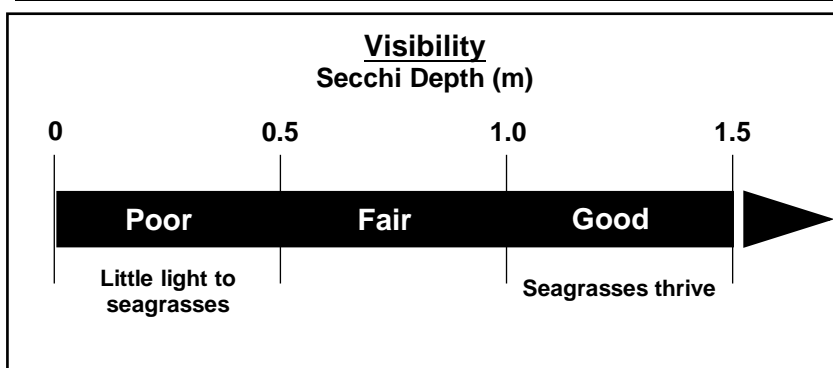
Reporting Week: 15-April 2021 to 21-April-2021

HABITAT HEALTH OVERALL GRADE		SCORE 85%		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	3	21	7.6	0.6 Fair	3 Good	5.5 Good	87% B Good
2	North Fork	2	26	8.3	0.9 Fair	13 Fair	5.9 Good	76% C Satisfactory
3	South Fork	5	26	7.9	0.7 Fair	10 Fair	5.9 Good	76% C Satisfactory
4	Winding South Fork	1	28	8.0	0.5 Fair	2 Good	5.9 Good	87% B Good
5	Wide Middle River	4	26	8.0	0.7 Fair	18 Fair	5.2 Good	76% C Satisfactory
6	Narrow Middle River	1	28	8.3	0.9 Fair	25 Good	7.0 Good	87% B Good
7	Manatee Pocket	3	27	7.8	1.3 Good	29 Good	4.9 Fair	92% A Ideal
8	Inlet Area	3	25	8.4	1.3 Good	33 Good	5.6 Good	97% A Ideal
9	Indian River Lagoon	4	25	8.0	0.9 Fair	33 Good	6.0 Good	87% B Good
10	Intracoastal Waterway South	1	24	7.8	0.9 Fair	31 Good	4.9 Fair	81% B Good



Weekly Water Quality Report  
Week ending April 21, 2021  
Habitat Health Overall Grade: B (85%)

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



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/>).