

# Weekly Water Quality Report

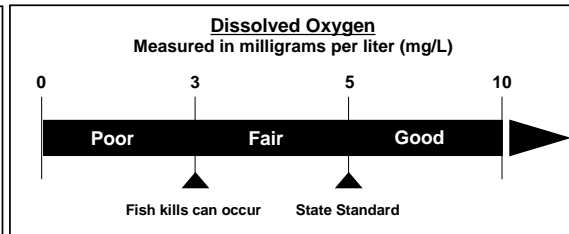
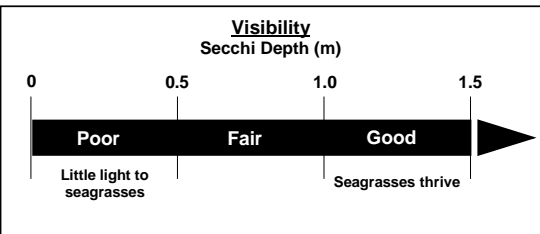
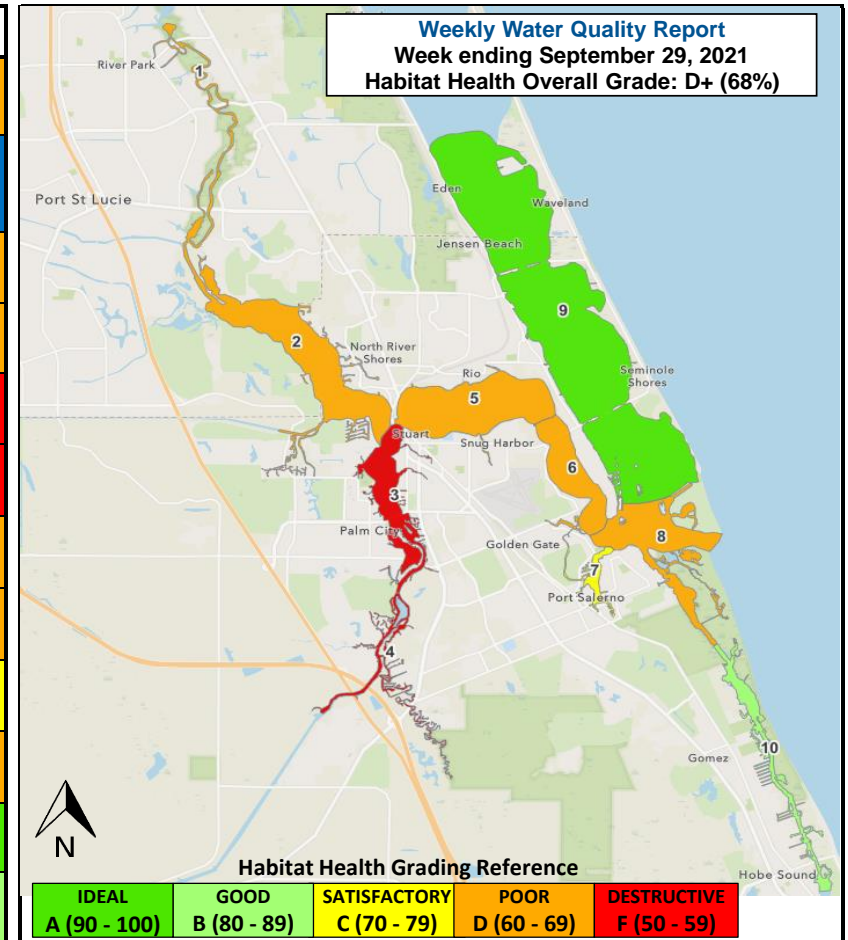
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water 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: September 23 2021 to September 29 2021

HABITAT HEALTH OVERALL GRADE		SCORE <b>68%</b>		GRADE <b>D+</b>		STATUS <b>POOR</b>		
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	3	23	7.5	0.8 Fair	0 Poor	4.2 Fair	<b>61%</b> D Poor
2	North Fork	3	29	7.8	0.8 Fair	2 Poor	4.7 Fair	<b>61%</b> D Poor
3	South Fork	5	27	7.6	0.4 Poor	1 Poor	4.8 Fair	<b>51%</b> F Destructive
4	Winding South Fork	4	27	7.6	0.6 Fair	0 Poor	2.5 Poor	<b>56%</b> F Destructive
5	Wide Middle River	4	27	7.6	0.6 Fair	5 Poor	4.4 Fair	<b>61%</b> D Poor
6	Narrow Middle River	2	29	7.9	1.0 Fair	16 Poor	5.6 Good	<b>66%</b> D Poor
7	Manatee Pocket	3	27	7.8	1.2 Good	17 Poor	5.2 Good	<b>77%</b> C Satisfactory
8	Inlet Area	3	29	8.3	0.9 Fair	19 Poor	6.2 Good	<b>66%</b> D Poor
9	Indian River Lagoon	6	27	8.1	1.3 Good	30 Good	5.1 Good	<b>97%</b> A Ideal
10	Intracoastal Waterway South	2	27	8.0	1.5 Good	29 Fair	4.4 Fair	<b>81%</b> B Good



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/>).