# Weekly Water Quality Report

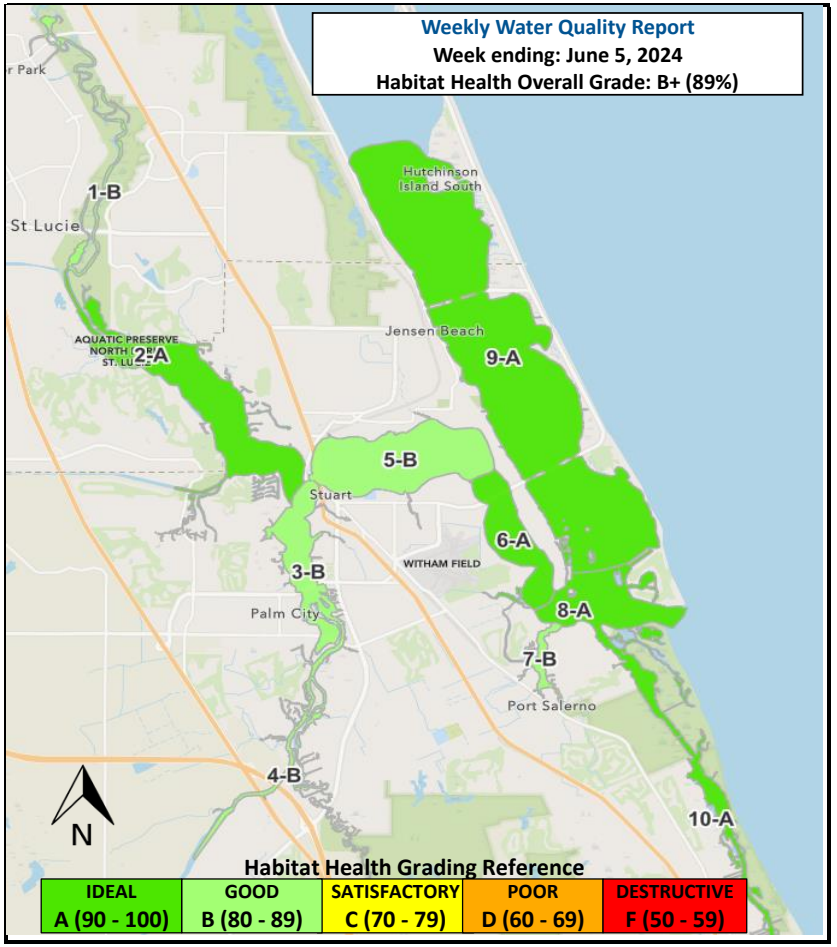
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by volunteers for the Florida Oceanographic Society's Water ecoSystem Surveys (FLOWSS) community science program. For more information, past reports, or to support our water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

FLOWSS
FLORIDA OCEANOGRAPHIC
WATER ECOSYSTEM SURVEYS

## Reporting Week: May 30, 2024 to June 5, 2024

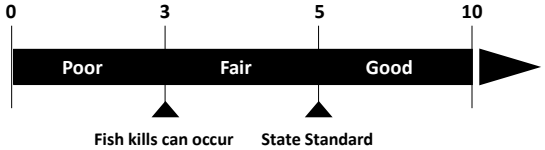
| HABITAT HEALTH OVERALL GRADE | SCORE | GRADE | STATUS |
|---|---|---|---|
| | 89% | B+ | GOOD |

| Zone | Location | # of Reports | Water Temp. (°C) | pH | Secchi Visibility (m) | Salinity (ppt) | Dissolved Oxygen (mg/L) | Score | Grade | Status |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Winding North Fork | 1 | 27 | 7.6 | 0.8 Fair | 6.0 Good | 7.2 Good | 87% | B | Good |
| 2 | North Fork | 3 | 28 | 7.8 | 1.1 Good | 22.3 Good | 5.6 Good | 97% | A | Ideal |
| 3 | South Fork | 5 | 27 | 7.8 | 0.7 Fair | 23.0 Good | 5.0 Good | 87% | B | Good |
| 4 | Winding South Fork | 5 | 28 | 7.7 | 0.8 Fair | 7.2 Good | 4.0 Fair | 81% | B | Good |
| 5 | Wide Middle River | 3 | 28 | 8.0 | 0.6 Fair | 29.3 Good | 4.7 Fair | 81% | B | Good |
| 6 | Narrow Middle River | 3 | 30 | 8.2 | 1.0 Good | 34.3 Good | 5.3 Good | 97% | A | Ideal |
| 7 | Manatee Pocket | 3 | 28 | 7.8 | 1.0 Fair | 32.0 Good | 4.7 Fair | 81% | B | Good |
| 8 | Inlet Area | 2 | 29 | 8.3 | 1.1 Good | 36.5 Good | 4.5 Fair | 92% | A | Ideal |
| 9 | Indian River Lagoon | 6 | 28 | 8.1 | 1.5 Good | 35.5 Good | 4.6 Fair | 92% | A | Ideal |
| 10 | Intracoastal Waterway South | 1 | 28 | 7.8 | 1.9 Good | 36.0 Good | 4.4 Fair | 92% | A | Ideal |




**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 |