

2018

State of the Indian River Lagoon



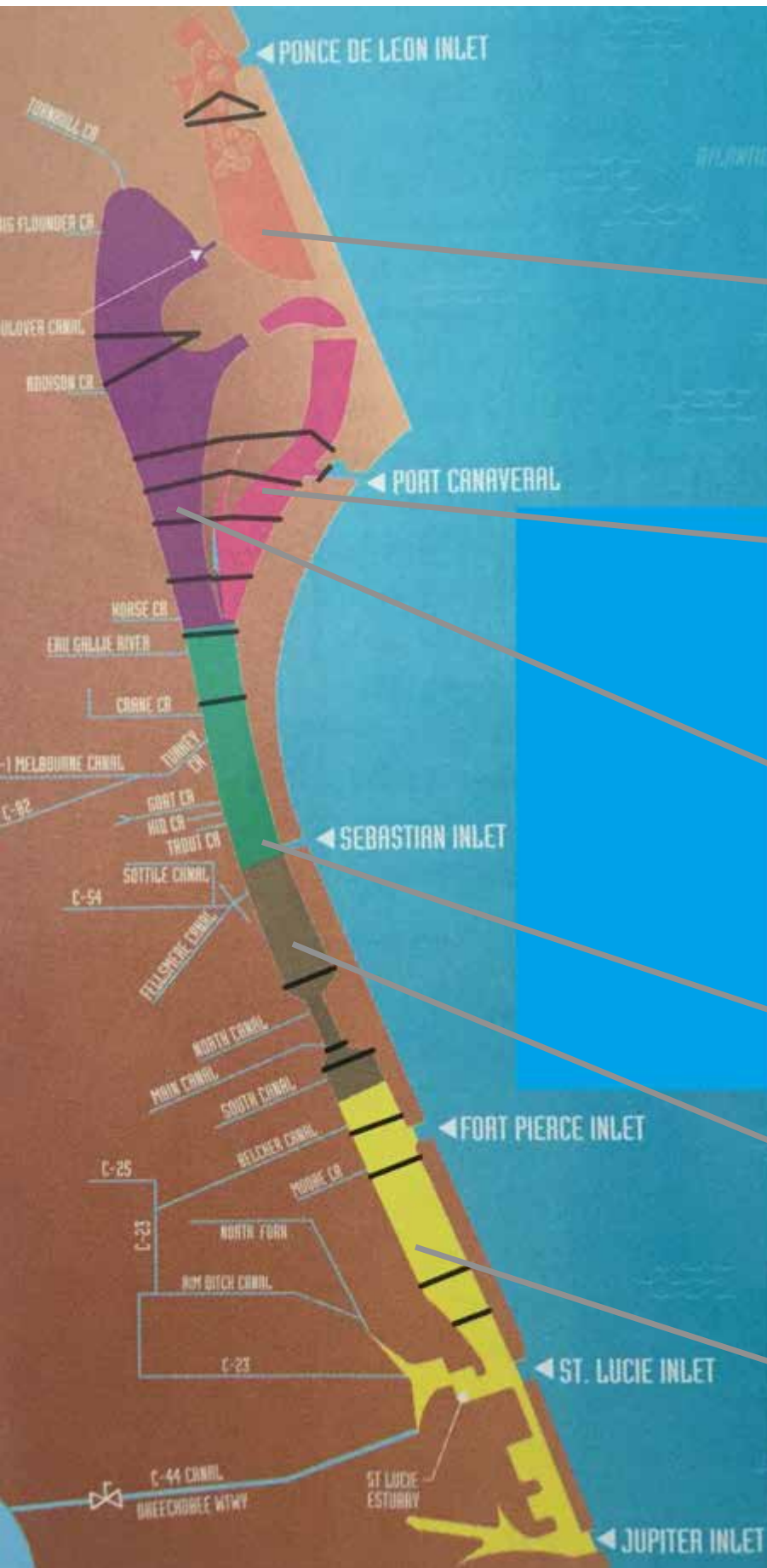
**Report
Card
Grade
Here**

The Indian River Lagoon



The Indian River Lagoon (IRL) is a 156 mile estuary system that extends from Ponce De Leon Inlet to Jupiter Inlet. It is home to over 3,500 species including about 2.2 million human inhabitants. The IRL contributes over \$3.7B to our regional economy and provides more than 15,000 jobs, many relying on tourism revenues generated by an estimated 11 million people who visit the lagoon annually.

Indian River Lagoon Report Card 2018



Overall Grade

Mosquito Lagoon
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Banana River
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North IRL
Text why received grade here



North Central IRL
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South Central IRL
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South IRL
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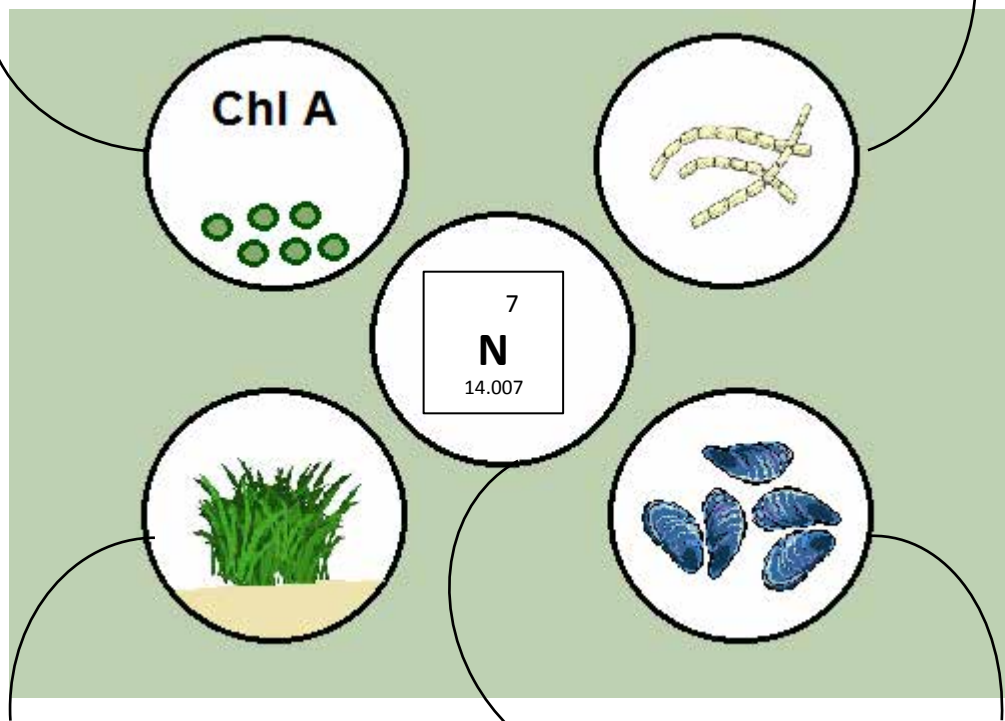
Possible Indicators

Chlorophyll a

is used as a measure of phytoplankton (microalgae) biomass, an indication of water quality. Higher concentrations of Chl-A are associated with reduced water clarity and reduced dissolved oxygen.

Fecal Coliform Bacteria

are indicators of pathogens, or disease-causing organisms. Health advisories can take affect under high concentrations of fecal coliform including beach closures for the safety of public health.



Seagrass Cover

A primary producer and indicator of the lagoon's overall health. Sea grass is essential habitat, providing shelter and food for hundreds of coastal species.

Nutrient Loads

High levels of nitrogen and phosphorus cause a nutrient imbalance, change water chemistry, contribute to harmful algal blooms, and harm biota.

Filter Feeders

Aid in the filtering of the water. Clams and oysters naturally filter toxins out of the water column, more clams means more water filtration.

2017 at a Glance

Similarities to 2016

<This would include trends in indicators and differences from previous years>

Seagrass

Bacteria Levels

Chlorophyll A Levels

Nutrient loads

Area covered by filter feeders

Chemical Levels

Acknowledgements

Marine Resources Council

The Marine Resource Council (MRC) is a charitable organization whose mission to protect and restore the Indian River Lagoon is accomplished through community engagement. In May 2014, MRC organized the Lagoon Action Assembly (LAA) involving 100 diverse delegates from the community in facilitated consensus-building to prioritize actions to restore the IRL. One of the top priorities from this process was the production of an IRL report card.



Contributors

Those who contributed data to the production of the report card will be recognized here.

Supporting Partners

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