

Roadblocks to Seagrass Recovery

Seagrass Recovery Potential Model for Panhandle Estuaries

Seagrass Cover St. Joseph Bay



What These Data Show

Description:

This dataset shows the seagrass cover maps for the Florida panhandle estuaries: Big Lagoon, Choctawhatchee Bay, Pensacola Bay, Perdido Bay, Santa Rosa Sound, Saint Andrew Bay, and Saint Joseph Bay. The seagrass cover maps are organized by year from 1940 to 2017.

There are two types of maps in this dataset: polygon maps and grid maps. Polygon maps show the location of “Continuous seagrass” or “Patchy seagrass”. Note that the boundaries of some maps do not include the entire estuary. Grid maps were created through the interpretation of imagery by FWRI employees using a 1-ha grid. Each grid cell was given a value of either “Bare”, “Patchy seagrass with <10% cover”, “Patchy seagrass with 10-50% cover”, “Patchy seagrass with 50-90% cover” or “Continuous seagrass”, based on the cover in each grid cell.

Credits:

This project was funded through the National Fish and Wildlife Foundation Gulf Environmental Benefit Fund.

Attributes/Source

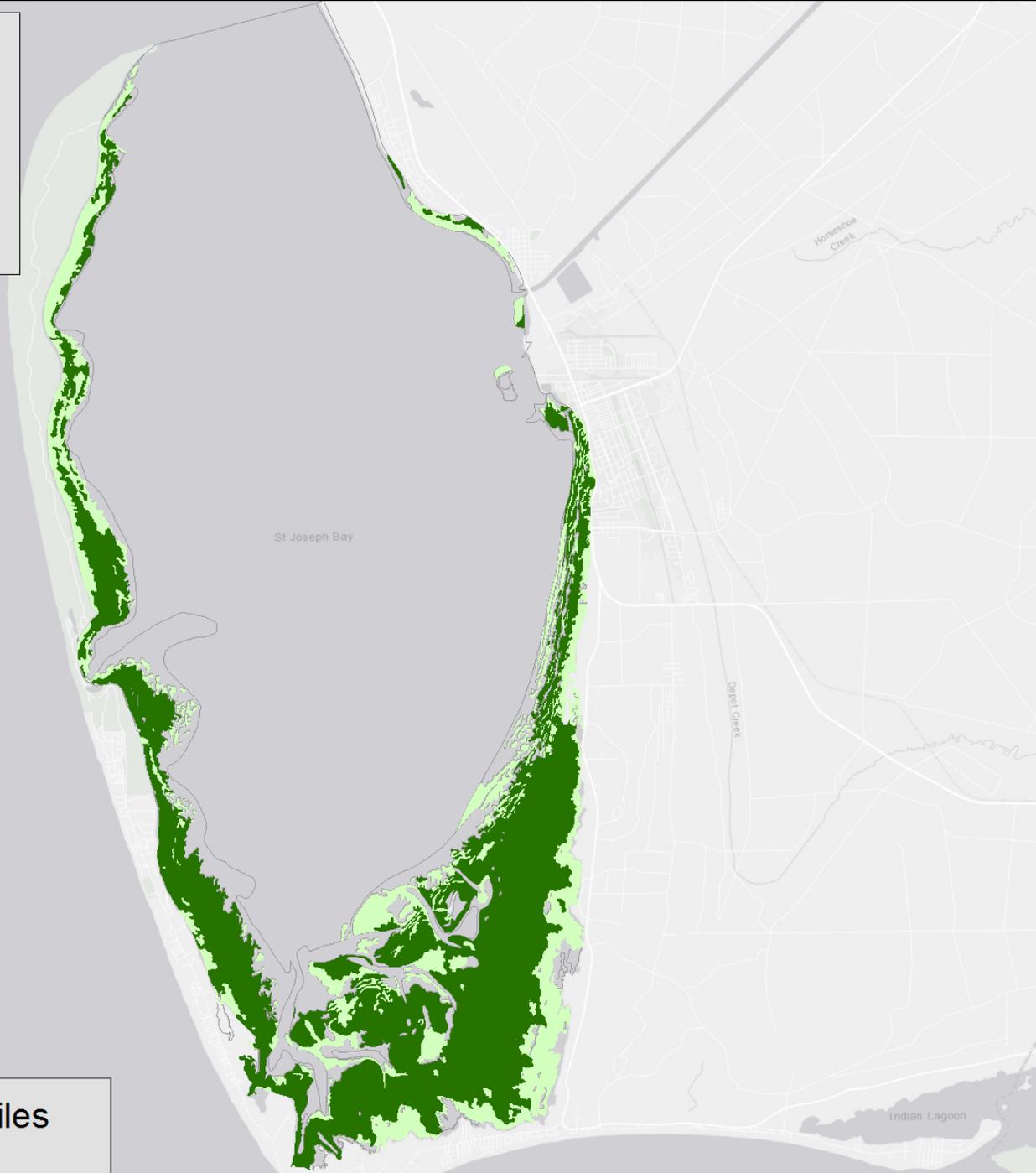
Year	Imagery	Map
1959	U.S. Department of Agriculture	Quantum Spatial Inc.
1992	National Aeronautics and Space Administration	U.S. Geological Survey
2003	Aerial Cartographics of America Inc.	U.S. Geological Survey
2010	Aerometric Surveys	Photo Science Inc.
2015	National Agriculture Imagery Program	Dewberry Inc.
2017	National Agriculture Imagery Program	Quantum Spatial Inc.

Map Boundary

Cover

Continuous Seagrass

Patchy Seagrass



St. Joseph Bay 1959

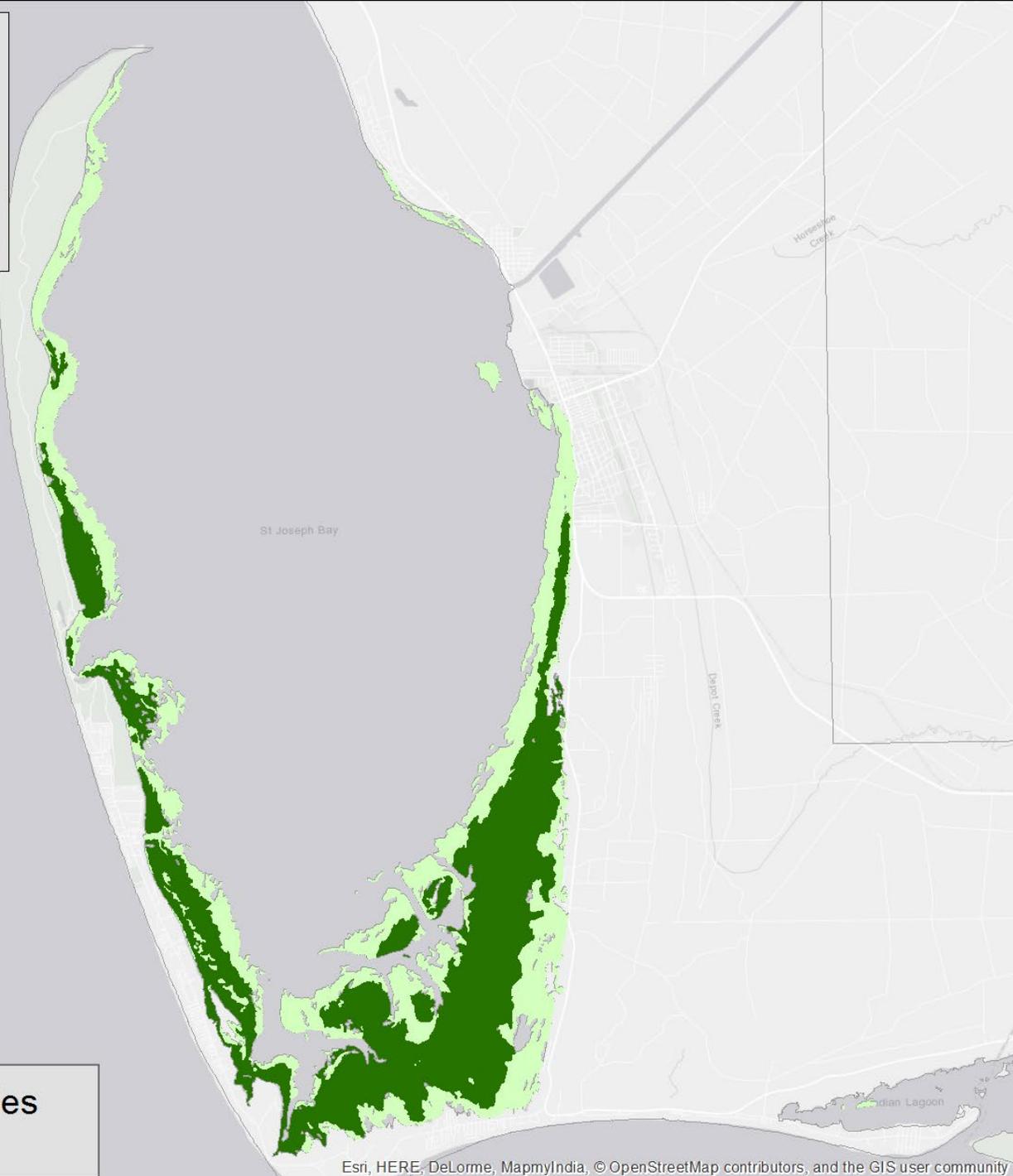


Map Boundary

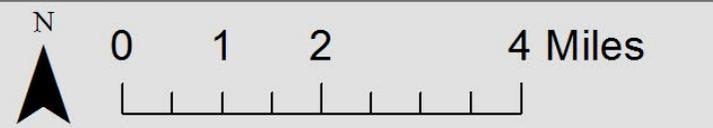
Cover

Continuous Seagrass

Patchy Seagrass



St. Joseph Bay 1992



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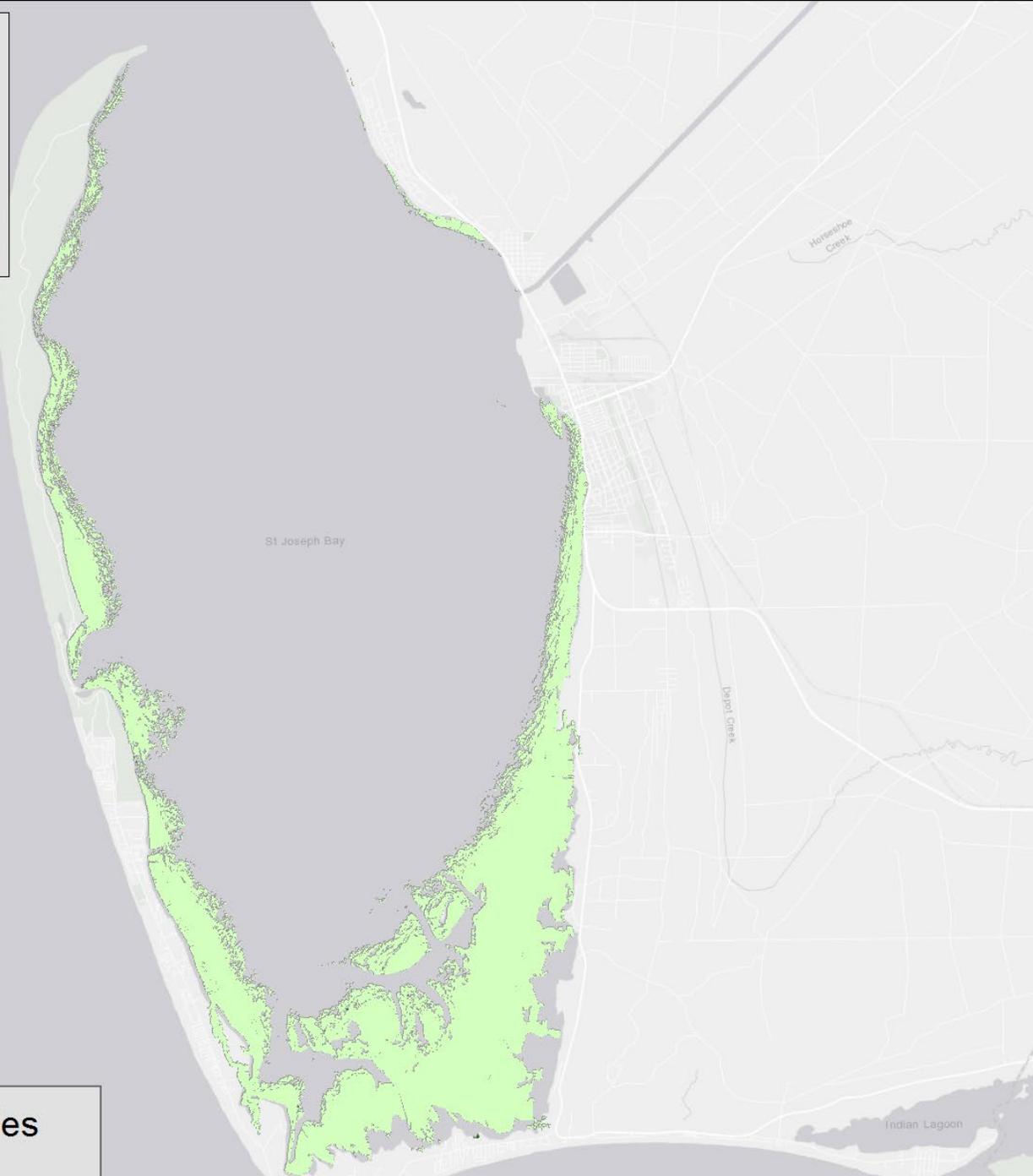


Map Boundary

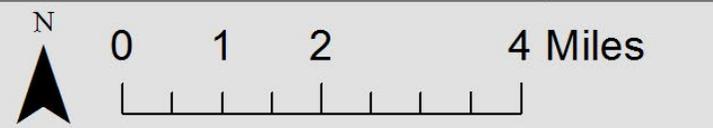
Cover

Continuous Seagrass

Patchy Seagrass



St. Joseph Bay 2003



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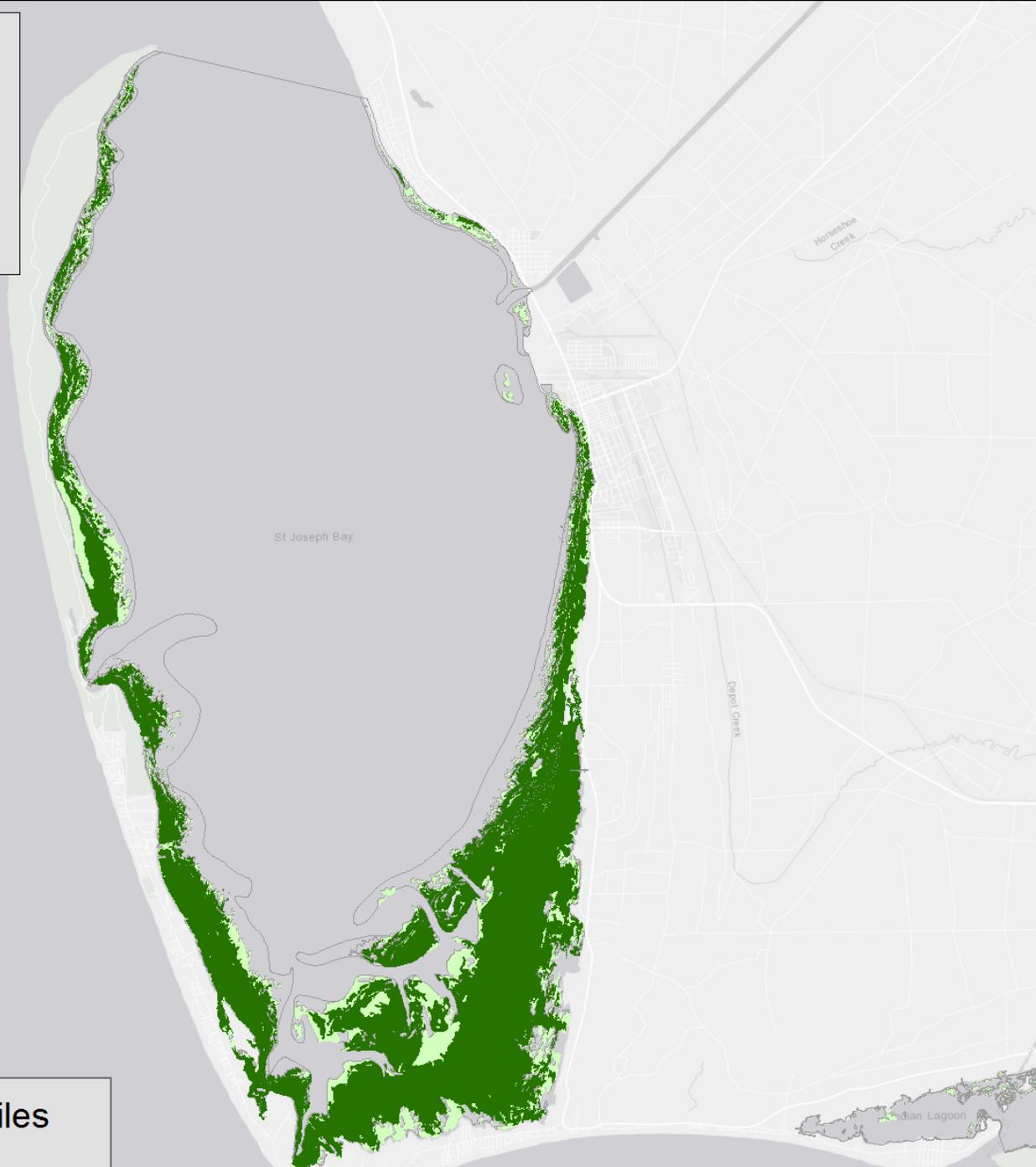


Map Boundary

Cover

Continuous Seagrass

Patchy Seagrass



St. Joseph Bay 2010

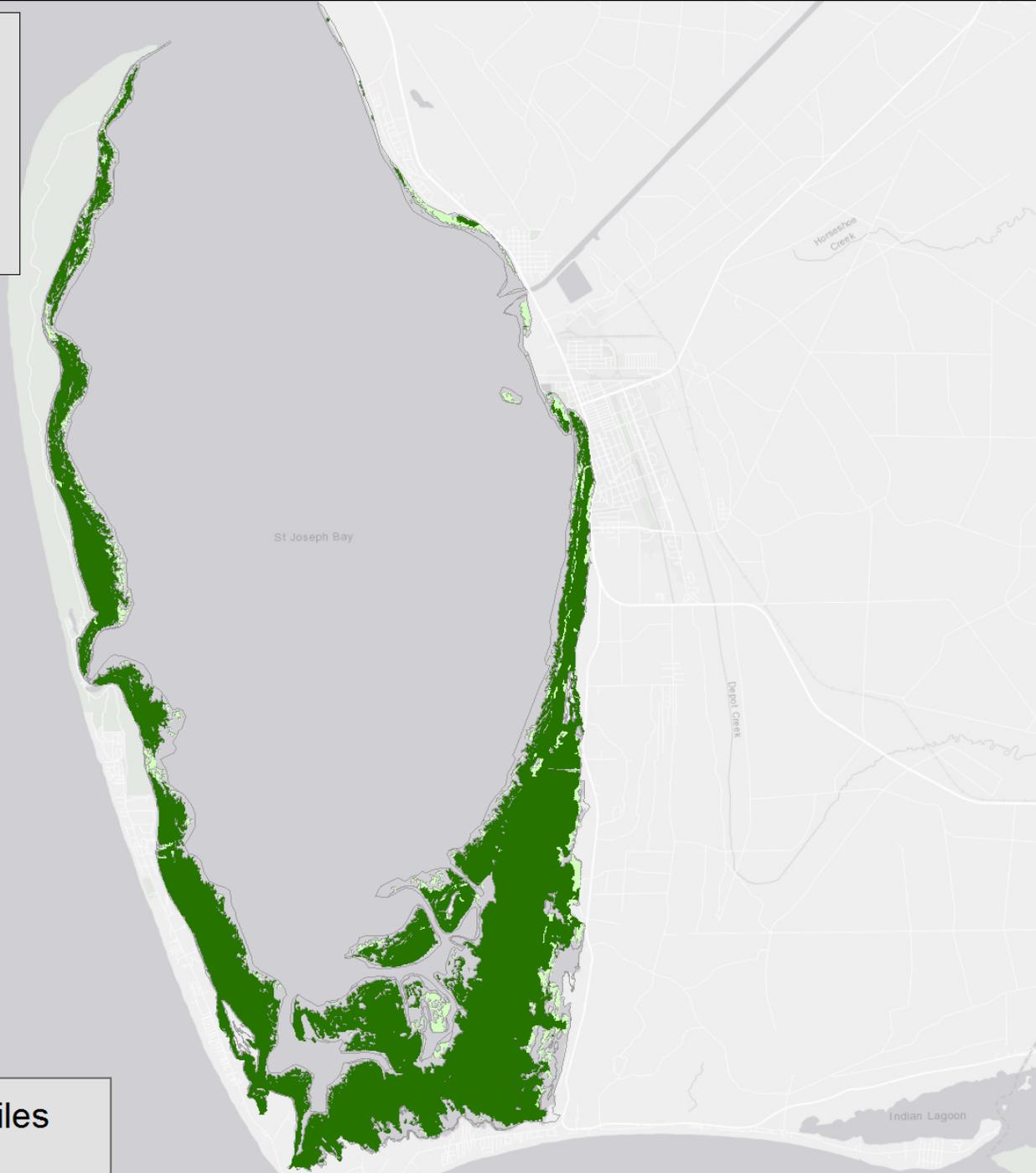


Map Boundary

Cover

Continuous Seagrass

Patchy Seagrass



St. Joseph Bay 2015

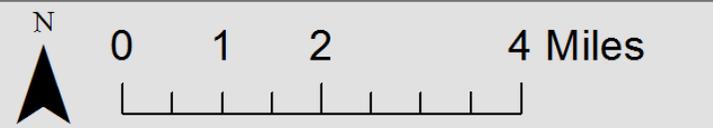
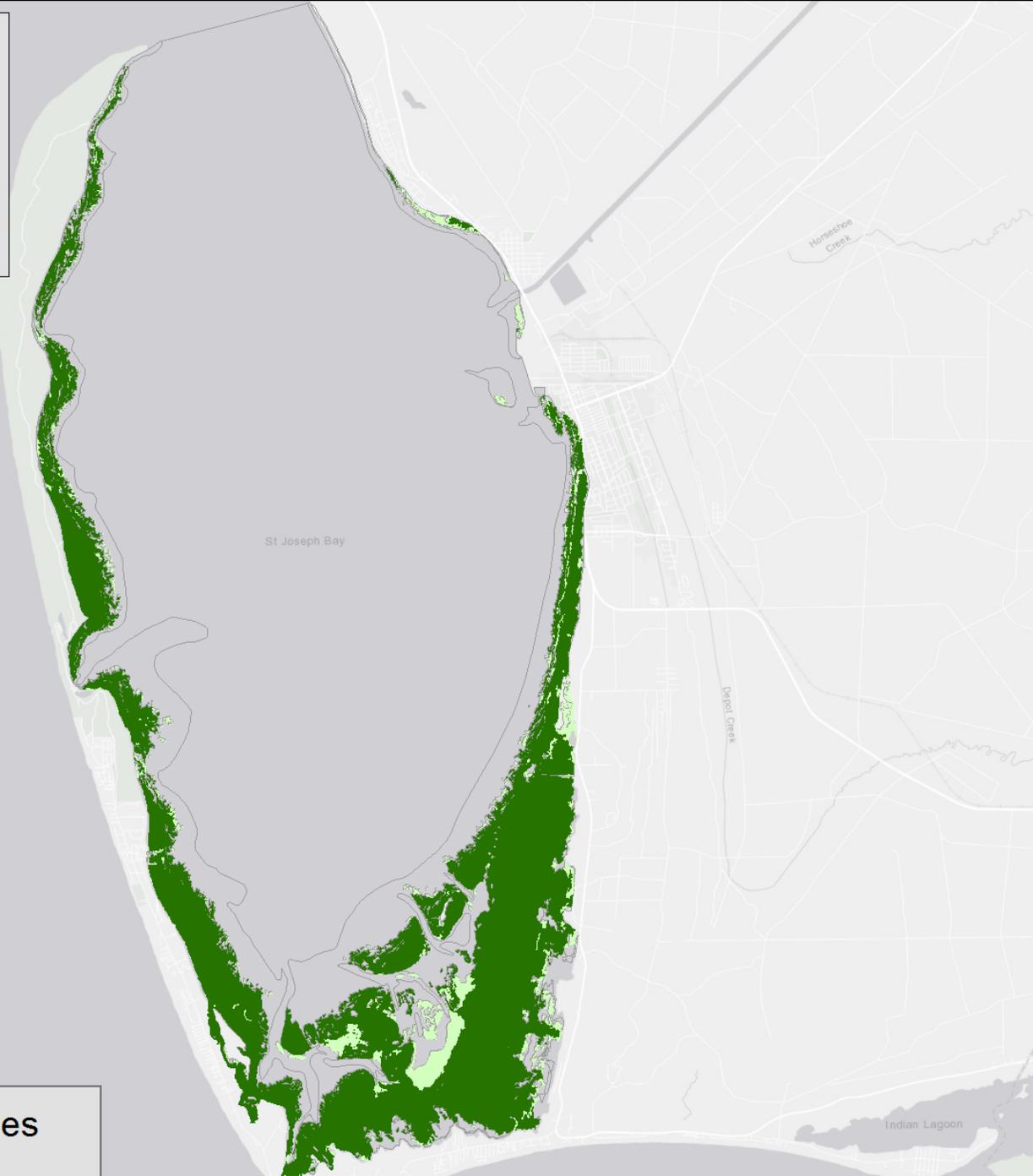


Map Boundary

Cover

Continuous Seagrass

Patchy Seagrass



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St. Joseph Bay 2017

