

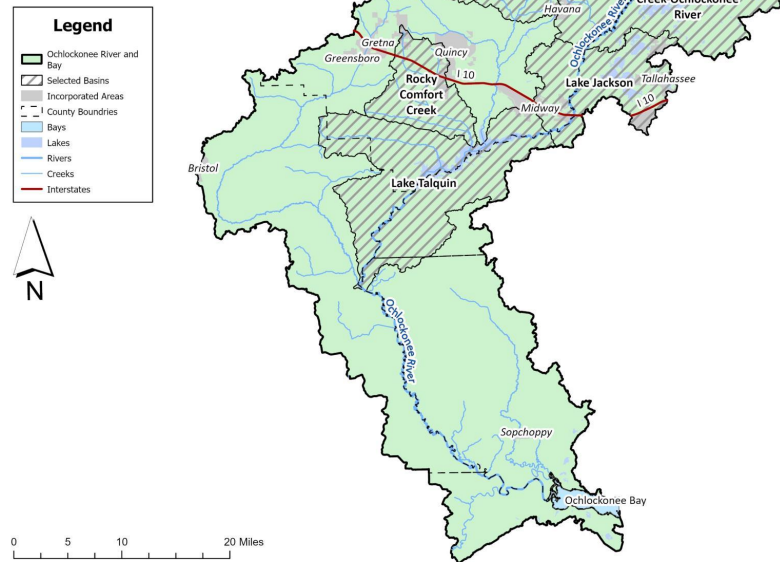
Ochlockonee River and Bay Watershed



Five Candidate Priority Basins

All basins are within the Basin Management Action Plan (BMAP) Area for Upper Wakulla River and Wakulla Springs.

Ochlockonee River & Bay Watershed



Attapulgus Creek



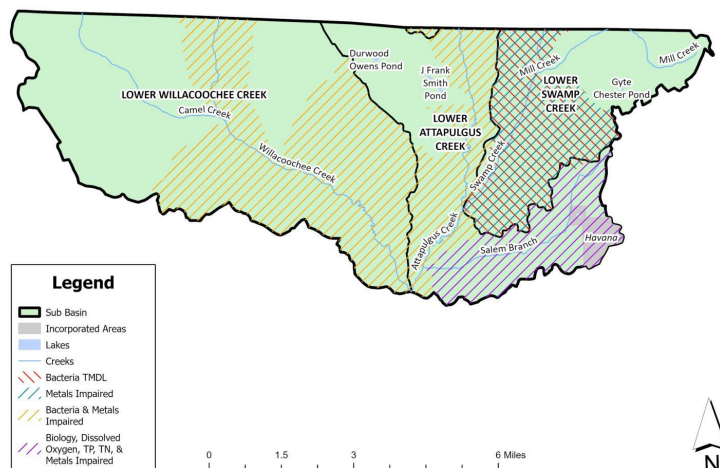
Description: This basin, encompassing Lower Willacoochee Creek, Lower Attapulgus Creek, Lower Swamp Creek, and Salem Branch, drains to the Little River, and then to Lake Talquin.

Water Quality: Includes waterbodies impaired for biology, iron, total nitrogen, total phosphorus, dissolved oxygen, and bacteria. A TMDL has been adopted for Lower Swamp Creek for bacteria. Additionally, the basin is in the middle range for amount of floodplain and vulnerable critical assets.

Water Supply: The basin is partially within an Area of Resource Concern. However, the basin is within the lower range for historical (2010 –2020) and projected (2024 -2045) population increases.

Natural Areas: This basin ranks in the top 10% for changes in aquatic habitat (i.e., wetlands, streams, lakes) from 2010 to 2022.

Attapulgus Creek



Bryants Mill Creek-Ochlockonee River



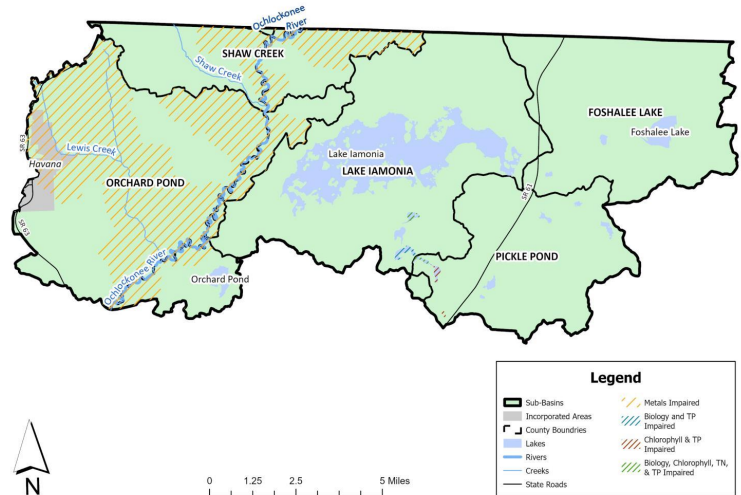
Description: This basin encompasses the upper portion of the Ochlockonee River as well as the Lake Iamonia and Foshalee Lake sub-basins.

Water Quality: Includes impaired waters for metals, total phosphorus, total nitrogen, chlorophyll, and biology. The basin has a high amount of critical assets susceptible to flooding. Additionally, the basin is in the top 25% for amount of floodplain contained.

Water Supply: The basin is in the top 40% for historical (2010 –2020) and projected (2024 - 2045) population increases.

Natural Areas: The basin ranks in the top 25% for changes in aquatic habitat from 2010 to 2022.

Bryants Mill Creek-Ochlockonee River



Lake Jackson



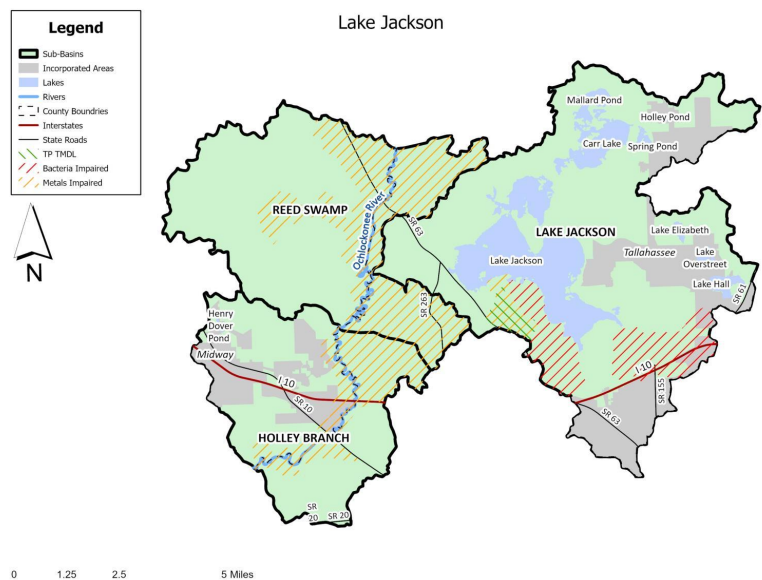
Description: This basin encompasses Lake Jackson and two basins that drain to the Ochlockonee River: Reed Swamp basin and Holley Branch. It includes northwest Tallahassee.

Water Quality: Includes waterbodies impaired for dissolved oxygen, phosphorus, bacteria, and metals. The basin is among the top 25% of basins, based on total area with a 1 percent annual chance of flooding.

Water Supply: The basin is within the top 30% for historical (2010 –2020) and projected (2024 - 2045) population increase.

Natural Areas: This basin ranks in the top 10% for changes in aquatic habitats from 2010 to 2022 and there are restoration plans in place (e.g., Lake Jackson).

Lake Jackson



Rocky Comfort Creek



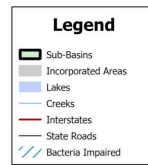
Description: This basin includes Upper and Lower Rocky Comfort Creek sub-basins, and much of the cities of Quincy and Gretna.

Water Quality: Includes bacteria impairment, but no waters with adopted TMDLs. This basin has a moderate amount of critical assets susceptible to flooding and is among the top 50% for area with a 0.01 annual chance of flooding.

Water Supply: The basin is within an Area of Resource Concern. However, the basin has relatively low historical (2010 –2020) and projected (2024 - 2045) population increases.

Natural Areas: Basin ranks in the top 20% for changes in aquatic habitat area from 2010 to 2022 and has restoration plans in place.

Rocky Comfort Creek



Lake Talquin



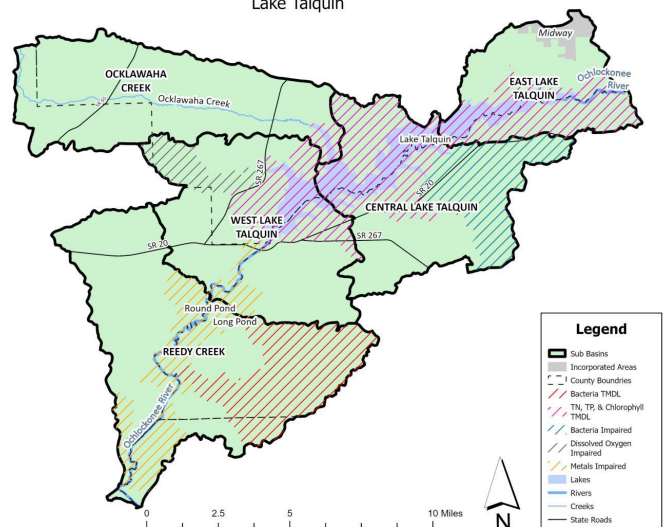
Description: The Lake Talquin basin includes the East, West, and Central Lake Talquin sub-basins as well as the Ocklawaha and Reedy Creek subbasins.

Water Quality: Includes waters impaired for bacteria, chlorophyll, dissolved oxygen, and metals. TMDLs have been adopted to address nutrient (total nitrogen and total phosphorus) impairments. Additionally, the basin is among the top 25% for area with 0.01 annual chance of flooding.

Water Supply: The basin is partially within an Area of Resource Concern. This basin is not estimated to be heavily impacted by historical (2010 –2020) or projected (2024 - 2045) population increases.

Natural Areas: Basin ranks in the lower percentages for changes in aquatic habitat from 2010 to 2022.

Lake Talquin



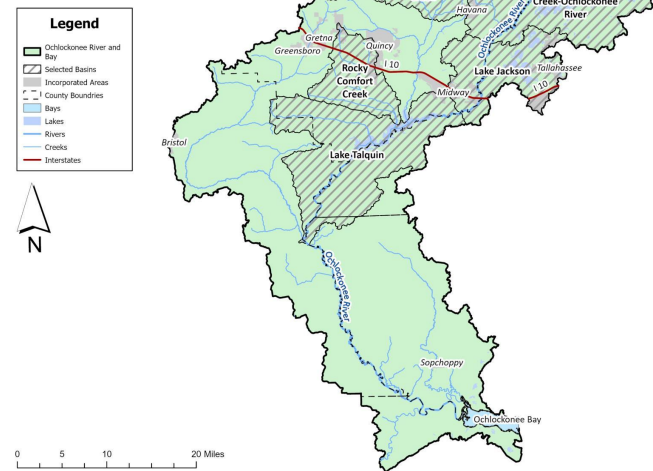
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Recommended Projects (from SWIM Plan)

- Stormwater Planning and Retrofits
- Septic-to-Sewer Projects
- Wastewater Treatment Improvements
- Agriculture and Silviculture BMPs
- Riparian Buffer Zones
- Sedimentation Abatement
- Hydrologic and Wetland Restoration
- Innovative Technology Projects (e.g., Farmer-to-Farmer Project)
- Comprehensive Monitoring Program
- Interstate Coordination

Ochlockonee River & Bay Watershed



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Septic Tank Locations

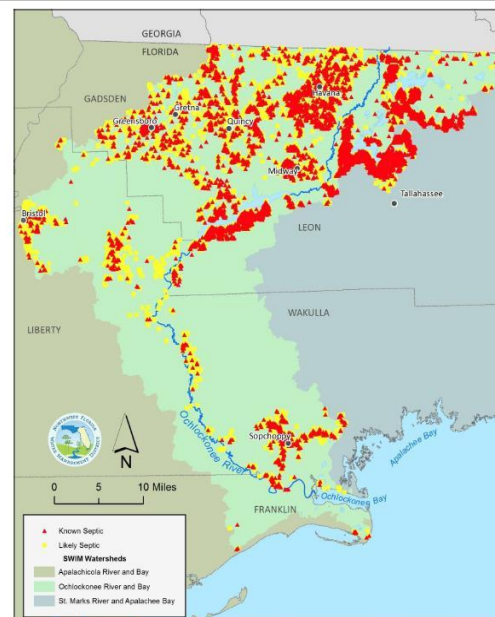


Figure 3-3 Septic Tank Locations in the Ochlockonee River and Bay Watershed