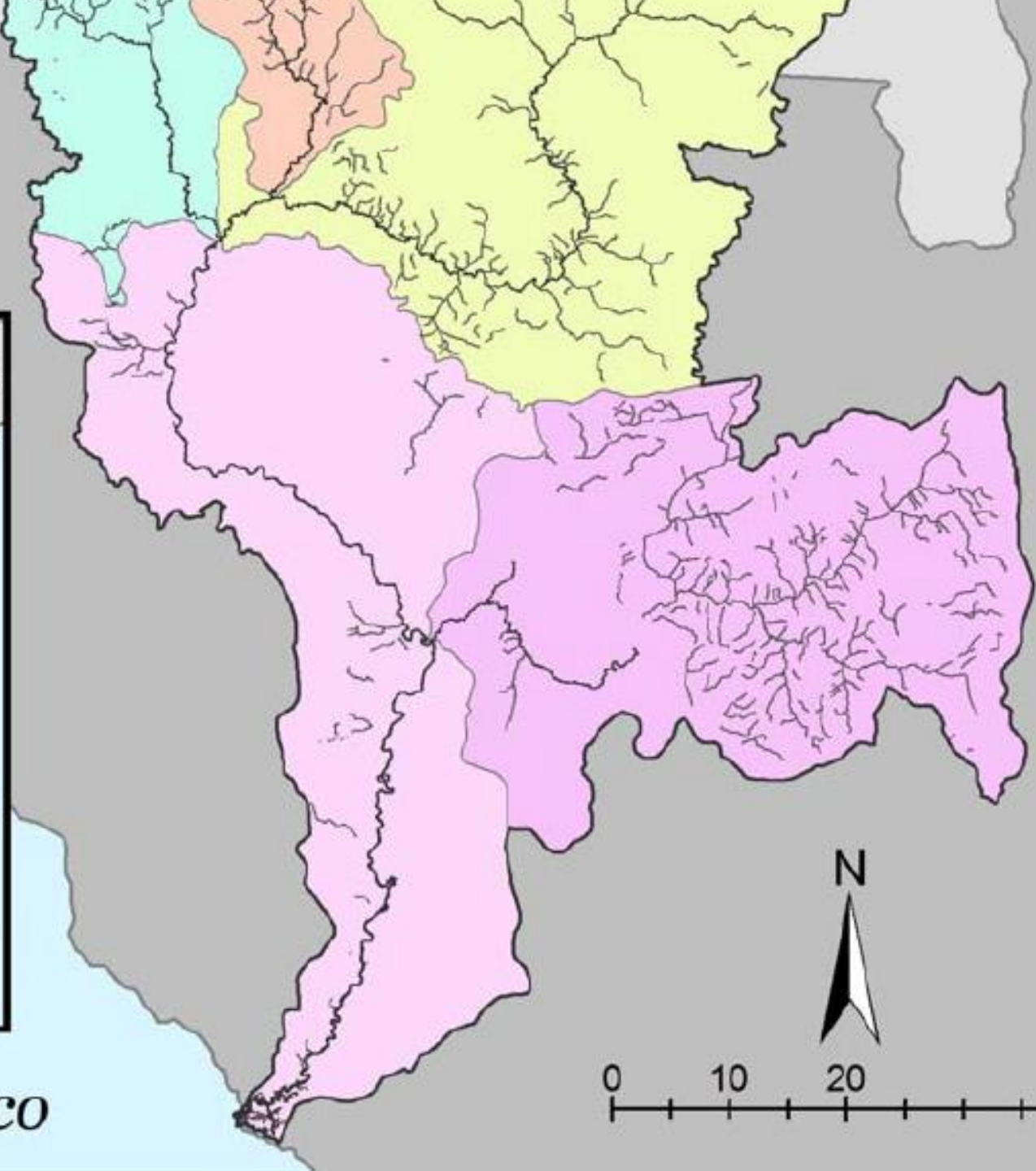


Lower Suwannee Water Quality Initiative - Nutrient Reduction and Hydrologic Restoration

- Located in lower Suwannee River watershed
- Submitted by USDA and SRWMD
- Estimated cost: \$4,493,000 scalable
- Type: Agriculture/Silviculture BMPs and Hydrologic Restoration
- Combines two portal projects into a more comprehensive proposal
- Complements similar RESTORE project in Middle Suwannee

FLORIDA



Gulf of Mexico

Lower Suwannee Water Quality Initiative - Nutrient Reduction

- The primary goal is water quality improvement through nutrient and sediment reduction.
- The objectives include treating the most vulnerable agricultural lands by clustering projects at the HUC 12 watershed scale in Levy County.
- Projects will be planned and implemented in 3 watersheds: Long Pond Slough, Long Pond, and Manatee Springs.
- The budget for each watershed is \$1 Million.
- Uses NRCS conservation practice standards.

Lower Suwannee Water Quality Initiative - Nutrient Reduction

- Landowners would participate on a voluntary basis in developing and implementing conservation plans to reduce nutrient and sediment runoff.
- Landowners would receive financial assistance to implement conservation practices according to NRCS standards.
- A monitoring plan will be implemented to document the relationship between implementation and load reduction.
- The project will make use of and build off of existing monitoring stations and data.

Lower Suwannee Water Quality Initiative - Hydrologic Restoration

- Primary goal is to restore hydrologic connectivity of the estuary to adjacent forested wetlands and riverine floodplain in the refuge.
- Develop a comprehensive assessment to identify and prioritize areas that will be targeted for road removal, culvert replacement, installation of additional culverts and low water crossings, ditch plugs, bridges, and silvicultural berm removal.
- Phase I Implementation – Levy County: Sandfly Creek, Black Point Swamp, and Gopher River basins.
- Includes approximately 2.5 miles of abandoned roads and trail removal, 50 low water crossings, 20 pipe culverts, 8 box culverts, with hydrologic improvements affecting approximately 16,000 acres
- Budget for assessment and phase I implementation - \$1,493,000

Shired Is.

Shired Creek

Mainline

Otter Sink Road

CR 345

North Dead End Road

Middle Loop

Headquarters Drive
Office



Nature Drive
North Entrance

Triangle Loop Road

Dixie Mainline

Salt Creek Road

South Dead End Road

Suwannee River

CR 347

Suwannee Town

Salt Creek

West Pass

Levy County

Nature Drive
South Entrance

Barnett Creek Road

Pond Road

Cabin Road

Gate 10

Gulf C

Moccasin Creek

Mitchell Creek

Barnett Creek

Big Trout Creek

Dan May Creek

East Pass

Bumblebee Creek

Double Barrel Creek

Sandbars Creek

Johnson Creek

DWH Projects in the Vicinity

