

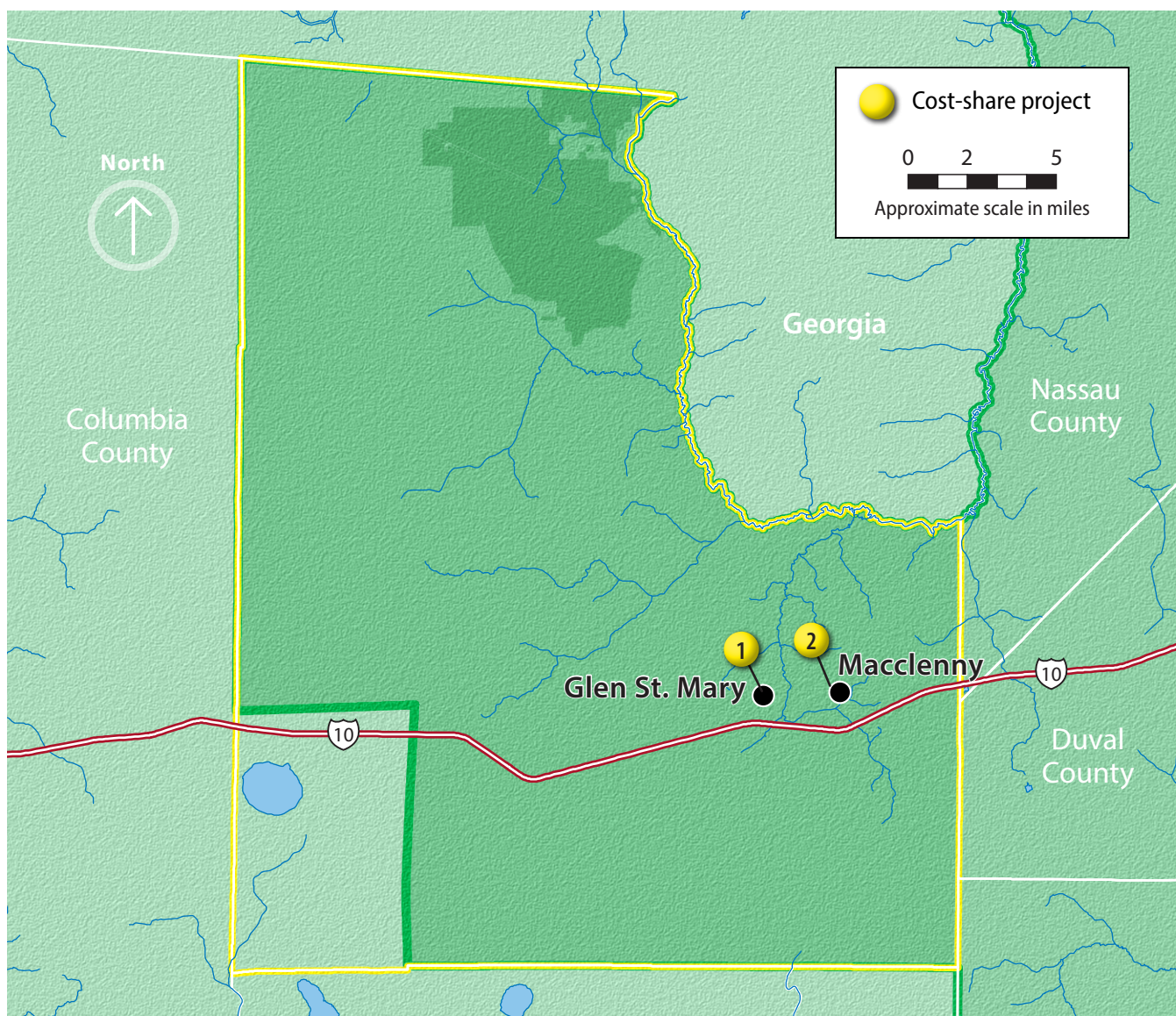


Cost-share and District-led projects in Baker County

The St. Johns River Water Management District (District) implements a wide variety of projects aimed at protecting water supplies, improving water quality, restoring natural systems, and providing flood protection. A summary of the cost-share projects benefiting Baker County are described on the following pages. The summary includes a description of benefits for each project, including nutrient load reduction (total phosphorus [TP], total

nitrogen [TN] pounds per year [lbs/yr]), alternative water supplied (million gallons per day [mgd]), water conserved (mgd), alternative water storage capacity created (million gallons [MG]), or acres protected from flooding.

Also listed at the end of this document are District-led projects and other efforts benefiting the communities in Baker County.



Cost-Share Program:

Through the Cost-Share Program, the District has awarded nearly \$1 million for projects in communities throughout Baker County beginning in fiscal year 2014, leveraging nearly \$1.5 million when combined with local matching funds. Baker County cost-share projects have provided an estimated benefit of 0.006 mgd of water conserved, 1,863 lbs/yr TN reduction, and 310 lbs/yr TP reduction.

1. **Glen St. Mary Northside Gravity Septic-to-Sewer** — The project included the construction of 6,600 linear feet of new gravity sewer extension to provide wastewater collection and hookups to 52 single family residences. The estimated nutrient load reduction water quality benefit to the St. Marys River is 1,863 lbs/yr of TN and 310 lbs/yr of TP. Project Status: Complete.
2. **Macclenny System Wide Water Valve Replacements** — The project included installation of insertion valves at key points within the system to create 10 zones that can be isolated individually without having to put large sectors out of service. The estimated water conservation benefit is 0.006 mgd. Project Status: Complete.

District-led projects and other efforts

The District constructs large, regional projects that often benefit multiple counties and benefit more than one of the District's core missions. Some of the efforts in Baker County include:

St. Marys River Management Committee — This committee is an intergovernmental advisory board of elected and appointed members from four counties along the St. Marys River in Florida and Georgia, including Baker and Nassau counties (Florida) and Charlton and Camden counties (Georgia).

The committee develops and implement plans and programs for the St. Marys River. The committee is made up of individuals who are involved because of a personal commitment to the use and protection of the St. Marys River. The District has participated on the committee as a non-voting member, in a technical support role, since its inception in 1991. For more information, visit

<https://saintmarysriver.org>

North Florida Regional Water Supply Partnership

— The District is working in partnership with the Suwannee Florida Water Management District, Florida Department of Environmental Protection, local utilities and other stakeholders in north Florida to develop joint water resource protection strategies, sharing data and technology, and effective communication with stakeholders across district boundaries. For more information, visit

www.northfloridawater.com.

Minimum flows and levels (MFLs) program

— The District establishes MFLs for priority water bodies within its boundaries. MFLs define the limits at which further water withdrawals would be significantly harmful to the water resources or ecology of an area. MFLs is an effective tool to assist in making sound water management decisions and preventing significant adverse impacts due to water withdrawals.

Hydrologic and water quality data collection

— The District operates a network of data collection sites for hydrologic conditions and water quality in many lakes, wetland restoration areas, streams, springs, and wells.

