

Peace River Manasota
Regional Water Supply Authority

Regional Reservoir Fact Sheet



The Authority is developing a new off-stream reservoir that will store surface water harvested from the Peace River during wet periods.

Mission Statement

To provide the region with a sufficient, high-quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources now and into the future.

Background

The Peace River Manasota Regional Water Supply Authority develops, stores, treats and delivers water for municipal supply to our member governments of Charlotte, DeSoto, Manatee and Sarasota counties and to the City of North Port. Water use in this rapidly growing region of Southwest Florida is projected to grow significantly over the next 20 years, and the Peace River is a significant regional resource available to meet the additional drinking water needs. The Authority's Peace River Facility is being expanded to deliver 32.7 million gallons per day to meet the increasing water use.

The New Reservoir

The Authority is developing a new off-stream reservoir that will store surface water captured from the Peace River during wet periods. This new off-stream reservoir will have a storage capacity of six billion gallons and will be surrounded by an engineered earthen embankment. The new reservoir will be constructed mostly above ground from fill material excavated on-site. The new reservoir, with a construction cost of about \$62 million, is using the most current design standards and criteria established by federal and state agencies. These strict standards and criteria will ensure not only a safe and structurally sound reservoir, but they will also ensure safe operation even under extreme weather conditions. The embankment is designed for extreme rainfall and wind conditions of a Category 5 hurricane.

Location

The new reservoir will be constructed on the RV Griffin Reserve located in DeSoto County.

Timeline

Construction on the new reservoir is scheduled to be completed by June 2009.

Environmental Restoration

The Authority will undertake one of the largest and most comprehensive wetland restoration and mitigation projects ever completed in the region. More than 1,000 acres of impaired lands on the RV Griffin Reserve will be restored as part of this project.

Partners

The Southwest Florida Water Management District owns the RV Griffin Reserve. In addition, the District is providing grant funding in excess of \$50 million for the Regional Expansion Program, of which the Regional Reservoir is an integral part.

Regional Reservoir Facts

Storage Capacity:	6 billion gallons
Size:	Approximately 1 square mile
Water Depth:	35 feet
Inlet:	72-inch diameter pipe
Outlet:	54-inch diameter pipe
Estimated Amount of Soil to be Moved:	3.6 million cubic yards

For additional information, please visit our website at www.regionalwater.org. To submit questions or comments on the Regional Expansion Program, contact us at REPQuestions@regionalwater.org.

Peace River Manasota

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