

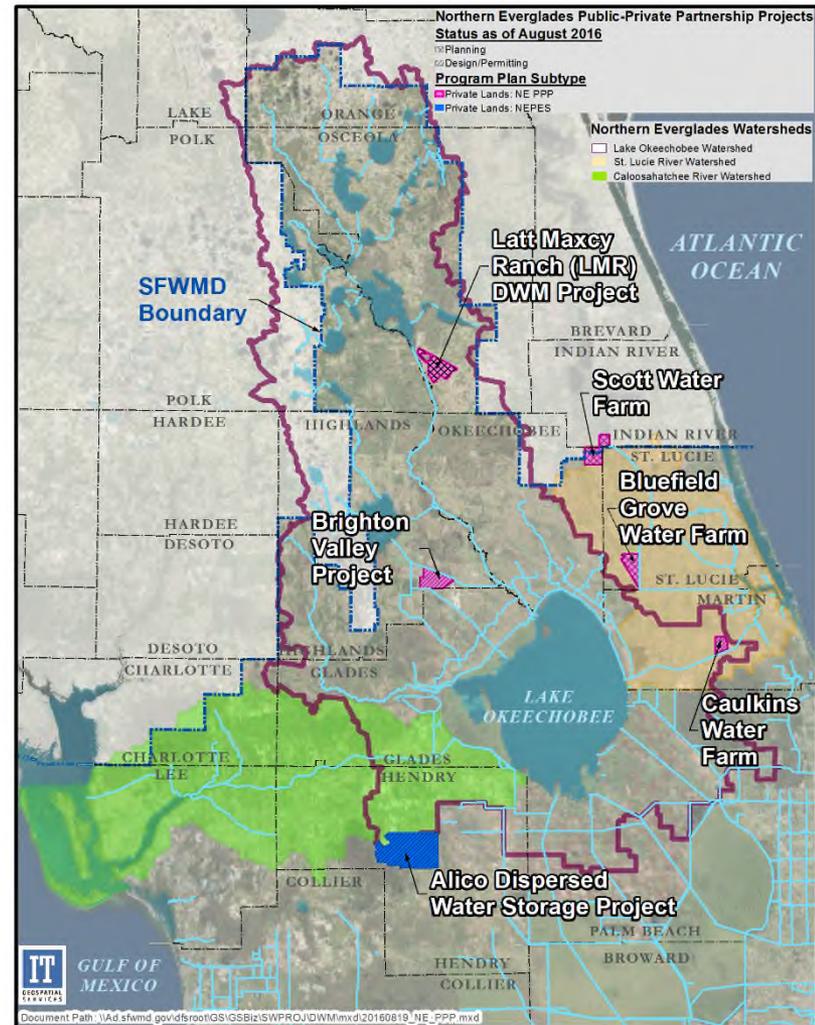
Northern Everglades Public-Private Partnerships Status Update

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Everglades Policy and Coordination Division

Project and Lands Committee Meeting
September 7, 2016

Northern Everglades Public-Private Partnerships (NE PPP) Background

- January 2016: Florida Department of Environmental Protection (FDEP) solicited for large, regional-scale Basin Management Action Plan (BMAP) projects
- February 2016: FDEP identified 6 projects from 16 submittals
- March 2016: Florida Legislative Budget, General Appropriations Act, Chapter 2016-66, Specific Appropriation 1590A
- April 2016: Leadership from FDEP, SFWMD and Florida Department of Agriculture and Consumer Services (FDACS) met to find a path forward to implementation
- June 2016: Interagency Working Group convened



Roles and Responsibilities

- **Service Providers** will plan, model, design, permit, construct, operate, monitor, maintain and revert the NE PPP project.
- **FDEP** is the lead agency of the Interagency Working Group. FDEP will verify the selected project's stated water quality benefits.
- **FDACS** will provide technical assistance and cost share to the Service Provider during the planning, modeling, design and permitting phases of the project as part of the BMP Program.
- **South Florida Water Management District (District)** will provide pass-through funding from FDEP and the Florida Legislature to the Service Provider during the construction, operation, monitoring, maintenance and reversion phases of the project. The District will provide technical assistance and verify the project's stated water quantity benefits.



Example Project on Ranchlands at Nicodemus Slough, Glades County (2016)



Caulkins Citrus WFPP on the C-44, Martin County (2016)

Interagency/Service Provider Coordination

- Prior to execution of a contract for construction, each NE PPP project will be assessed based on the following technical suitability criteria:
 - Cost-effectiveness
 - Water quantity benefits above and beyond baseline
 - Water quality benefits above and beyond baseline
 - Project benefits to the regional system towards BMAP goals
 - Ease of implementation
- Landowners meeting was held on July 26, 2016 to review criteria



**Evans Ideal 1000 Grove WFPP,
St. Lucie County (2016)**



**Example Agricultural Style Pump Station
at BOMA, Hendry County (2016)**

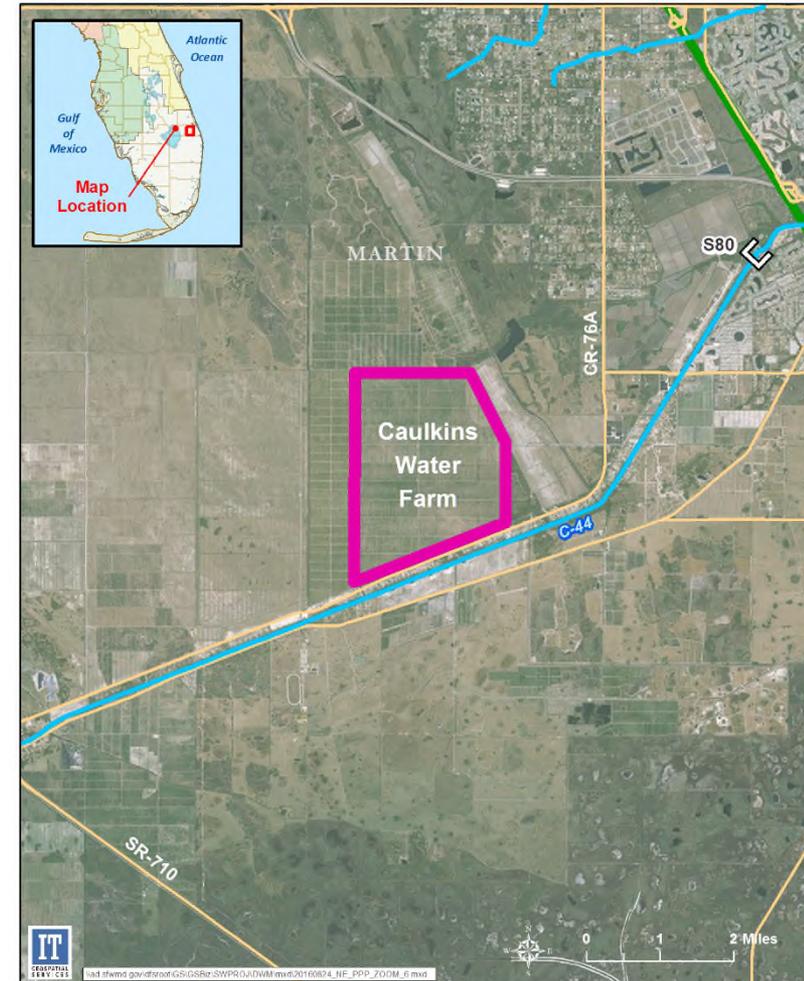


Caulkins Water Farm

- Service Provider: Caulkins Citrus, Ltd.
- St. Lucie River Watershed
- Project area: 3,274-acre fallow grove
- Primary benefit: storage of regional surface waters
- High soil infiltration
- Status: Design and Permitting
- Estimated construction cost: \$4,610,290
- Targeted for October 2016 Governing Board



Caulkins Citrus WFPP, Martin County (2016)

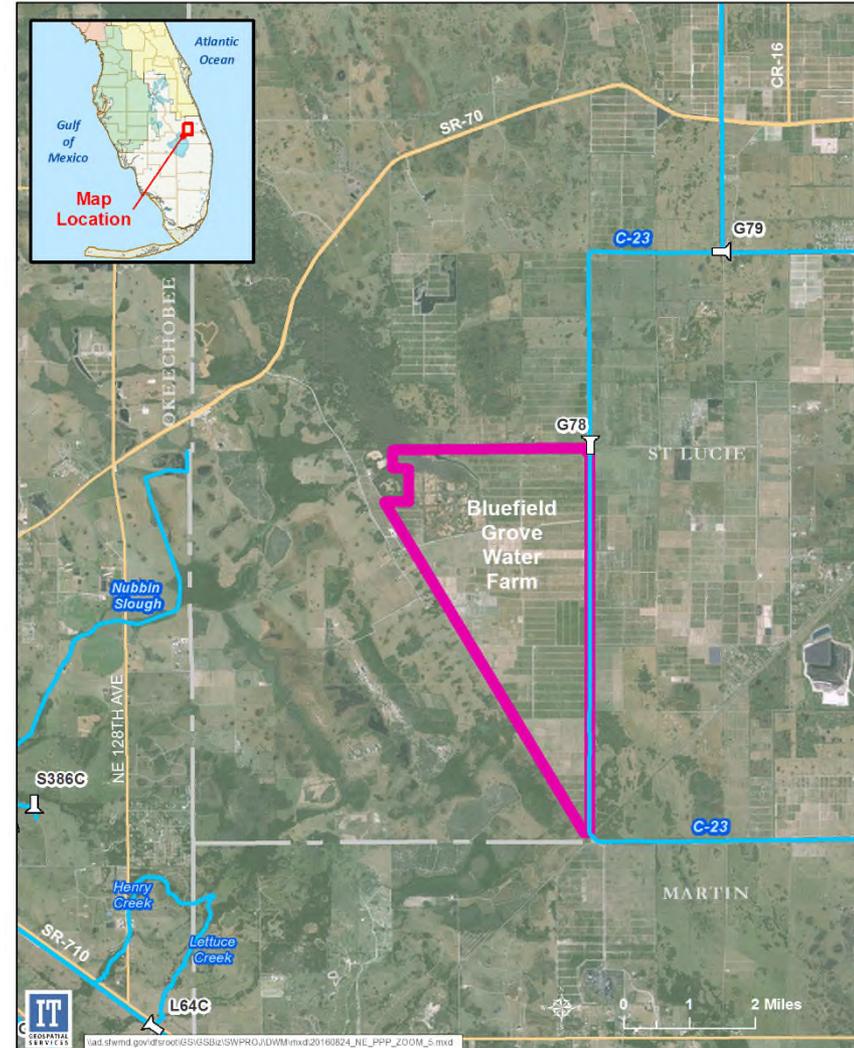


Bluefield Grove Water Farm

- Service Provider: Evans Properties, Inc.
- St. Lucie Watershed
- Project area: 6,603-acre fallow grove
- Primary benefit: retention of onsite rainfall and storage of regional surface waters
- Status: Planning
- Planning-level estimate for construction: \$4,220,000



Bluefield Grove, St. Lucie County (2016)



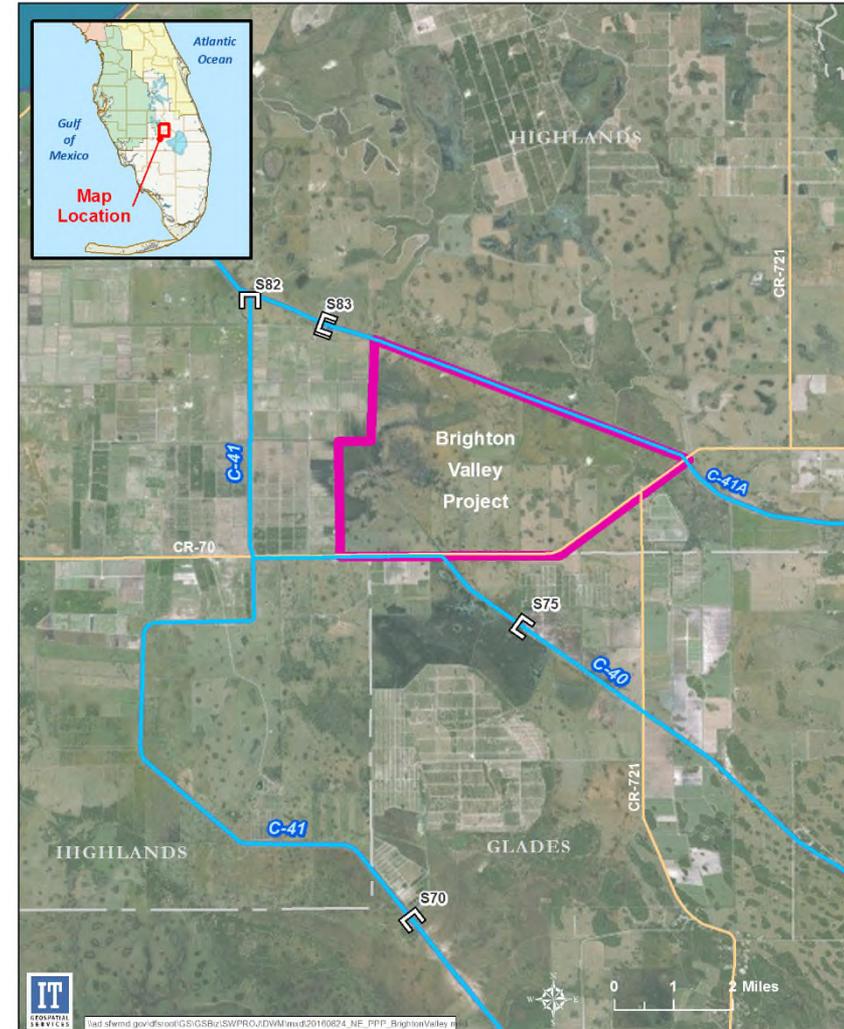
Scott Water Farm

- Service Provider: Evans Properties, Inc.
- St. Lucie River and Indian River Lagoon Watersheds
- Project area: 7,788 acres
- Primary benefit: retention of onsite rainfall and storage of regional surface waters
- Status: Planning
- Planning-level estimate for construction: \$7,803,000



Brighton Valley Project

- Service Provider: Lykes Bros, Inc.
- Lake Okeechobee Watershed
- Project area: 8,200 acres
- Primary benefit: water quality treatment through attenuation of regional runoff as well as onsite rainfall
- Status: Design and Permitting (ERP issued, ACOE 404 in review)
- Planning-level estimate for construction: \$11,500,000

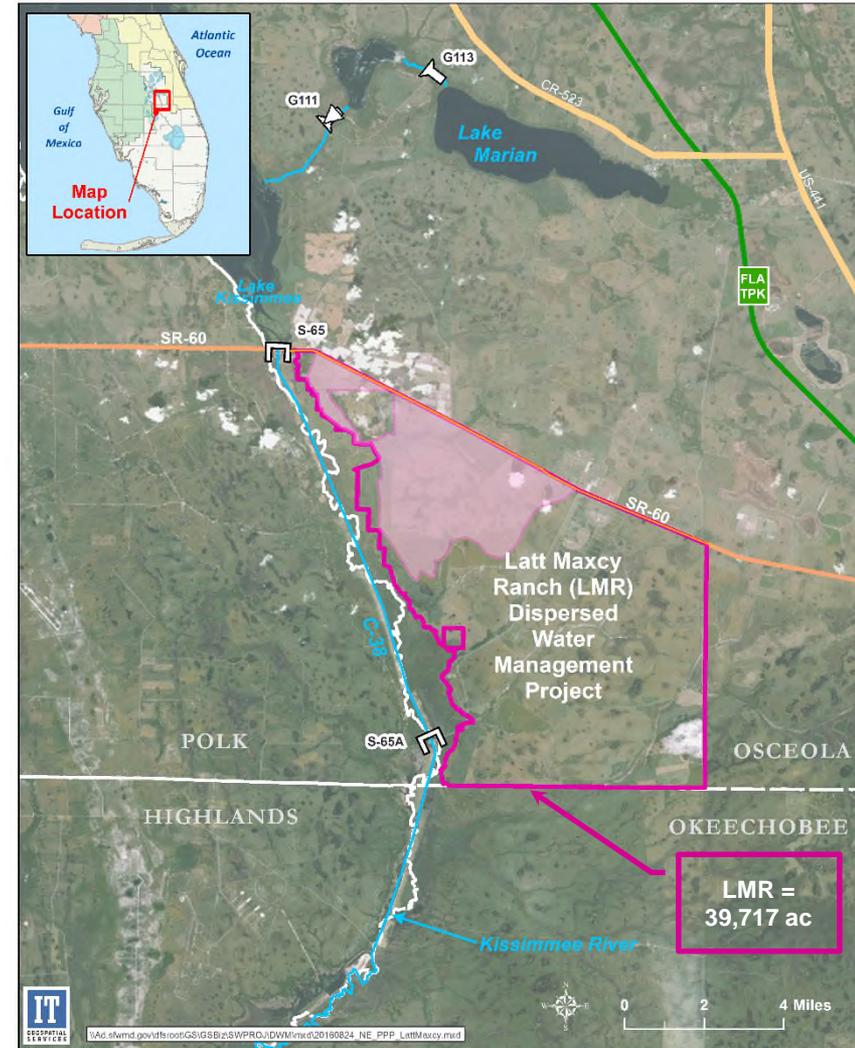


Latt Maxcy Dispersed Water Management

- Service Provider: Latt Maxcy Ranch
- Lake Okeechobee Watershed
- Project area: 9,175 acres
- Primary benefit: water quality treatment through attenuation of regional runoff as well as onsite rainfall
- Status: Planning
- Planning-level estimate for construction: \$10,580,398

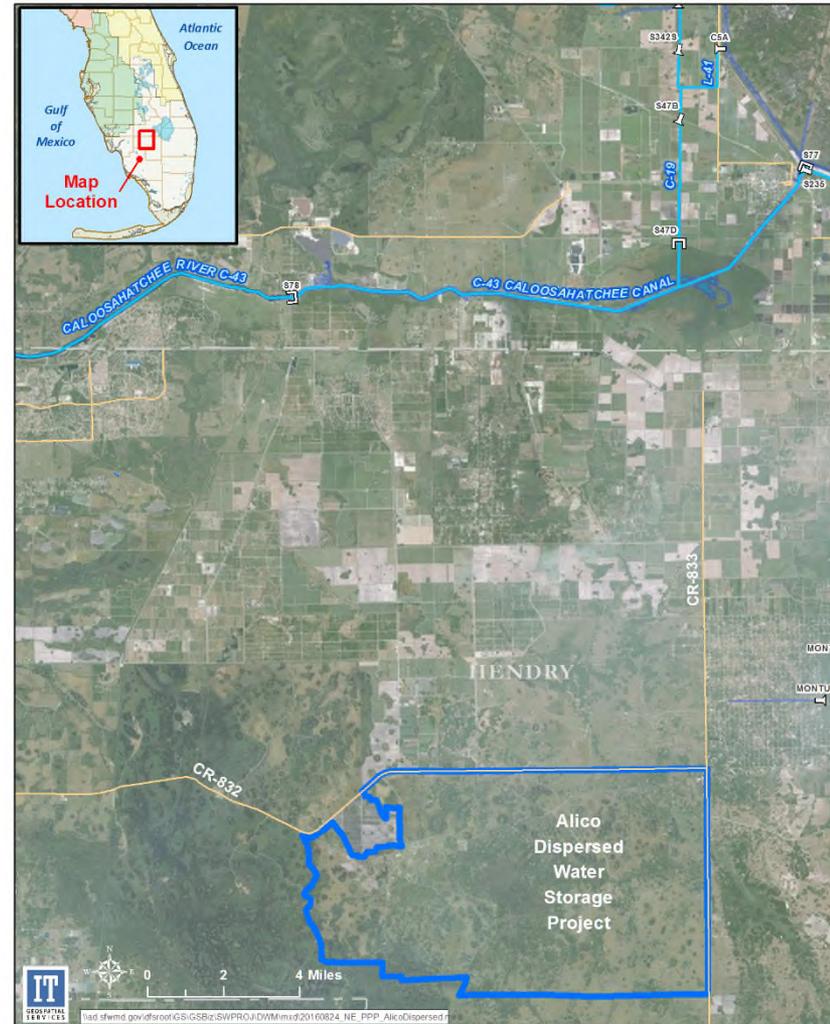


Latt Maxcy Ranch, Osceola County (2016)



Alico Dispersed Water Storage

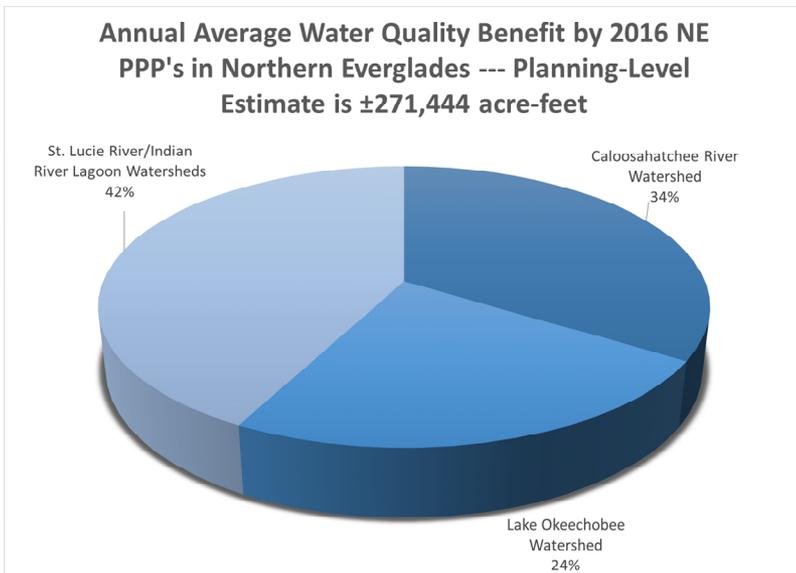
- Service Provider: Alico, Inc.
- Caloosahatchee Watershed
- Project area: 35,192 acres
- Primary benefit: retention of onsite rainfall and storage of regional surface waters
- Status: Design and Permitting
- Northern Everglades Payment for Environmental Services 2 (NE-PES 2)
- Contracted construction cost: \$4,000,000



Summary

- Planning-level estimates

Watershed	Area (acres)	Planning-Level Estimate for Construction	Planning-Level Estimate for Recurring Payments
Caloosahatchee River	35,192	\$4,000,000	\$12,000,000
Lake Okeechobee	17,375	\$22,080,398	\$6,863,204
St. Lucie River/Indian River Lagoon	17,665	\$16,633,290	\$15,178,000
Totals	70,232	\$42,713,688	\$34,041,204



Next Steps

- Completion of work in cost-share agreements between Service Providers and FDACS
- District NE PPP draft contract template to Service Providers
- Technical assessment of provisional data at ERP submittal milestone by Interagency Working Group
- Contract negotiations
- Final contracted rates
- Governing Board approval
- Contract execution



Questions?