



Dispersed Water Management and Treatment

Upper East Coast Water Supply Plan Regional Workshop

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Ongoing Activities

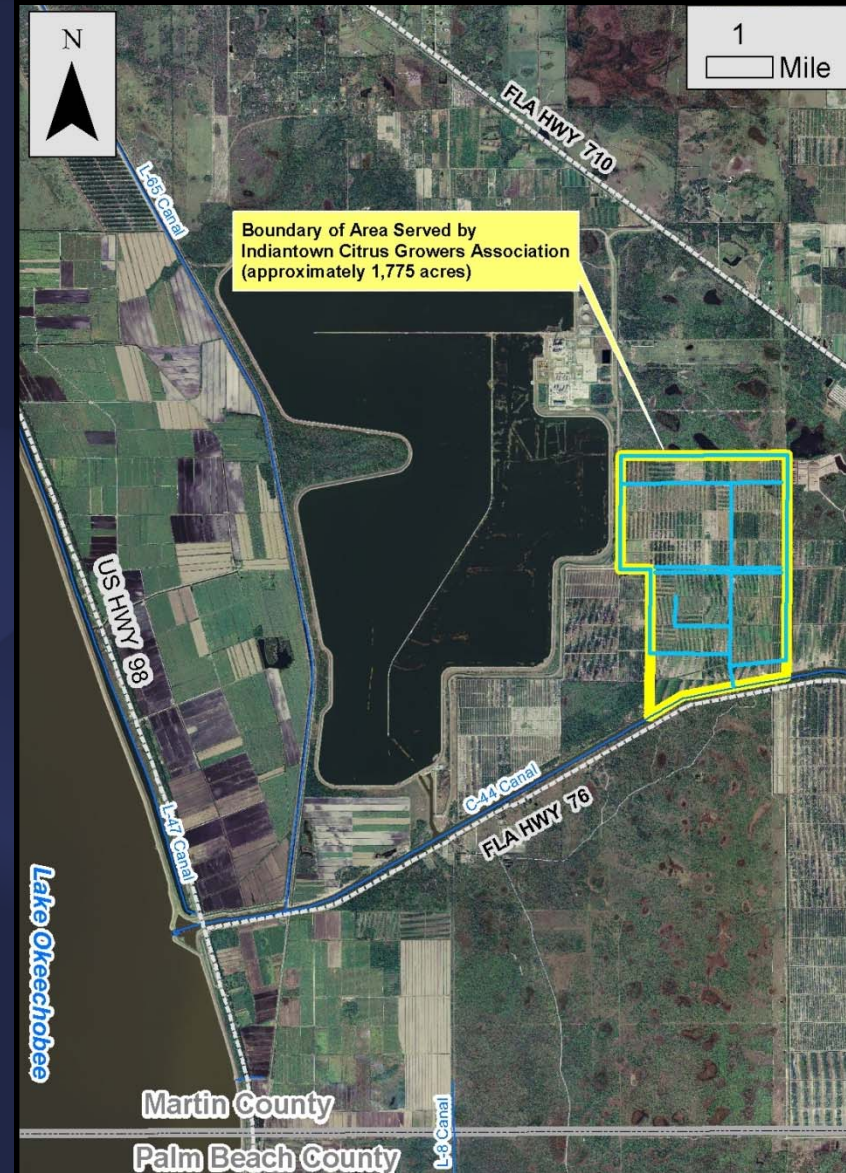


| Three Approaches Used | Performance or Status |
|--|---|
| Easements - USDA Wetland Reserve & Reserved Rights Pilot Programs | <u>Good progress.</u> State of Florida received ~\$75 million for easement programs in 2009. District has requested special funding program |
| Payment For Services - Florida Ranchlands Environmental Services Program | <u>Good progress.</u> Six water storage pilot projects retained 4,200 ac-ft of water with a P reduction of 1.5 MT. A WQ treatment pilot project removed 3.3 mt of TP |
| Cost Share - Alternative Water Storage/ Disposal | <u>Good progress.</u> Federal funding for NRCS cost-share still available, reduced state funding |
| Dispersed Water Management & Treatment Program Development | To date, all programs provide ~ 120,000 ac-ft. of storage. Pursuing remaining issues (T & E species, price discovery, etc.) for program solicitation |

Example Cost-Share Project: Indiantown Citrus Growers Assoc.



- 1,775 of agricultural land within service area
- Phase I: Pump rehabilitation (complete) AWS/D
- Phase II: Internal canal widening (FDACS – complete)
- Phase III: Internal structures 60+ (NRCS, SLRIT – complete)
- Storage within system:
 - ❖ 7,000 acre-feet
- Volume from St. Lucie Canal during LO regulatory releases:
 - ❖ 3,550 acre-feet



Water Retention Service: Preliminary Results



Current WMA Projects

- Six Water Retention WMAs with a service area of 9,500 acres generated an estimated:
 - Incremental water retention of 4,200 ac-ft/yr and
 - P load reduction of 3,300 lbs (1.5 MT)/yr

Scaled Up Estimates

- A 200,000 acre WMA service area generated an estimated:
 - Incremental water retention of 95,000 ac-ft/yr and
 - P load reduction of 75,000 lbs (34 MT)/yr

Progress on outstanding issues

- Regulatory certainty and clarity entering, executing and exiting a PES contract
 - T & E Safe Harbor
 - USDA NRCS and US FWS Consultation Matrix
 - Draft of MOU between NRCS and SFWMD describing roles & responsibilities for implementing Consultation Matrix in a PES program
 - Above and beyond existing program water management requirements
 - Wetlands
 - US ACOE drafting a General Permit and State agency MOU
- End of 2010 FRESP will deliver a PES program design ready for implementation