



Alternative Water Supply Pilot Project – SB552

Governing Board

November 10, 2016

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Potential Pilot Project Designation

- New program per Senate Bill 552 – the “Water Bill”
- Statutory requirements (373.073, F.S.):
 - Located within a restricted allocation area
 - Must provide water supply & environmental benefits with consideration given to projects that:
 - Reduce damaging discharges to tide; or
 - Part of MFL Prevention & Recovery Strategies
 - Existing alternative water supply project identified in water supply plan
- Program is at the sole discretion of the water management district
- May provide up to 50% funding assistance
- Designation should be made by July 1, 2017

October Governing Board

➤ Board Direction

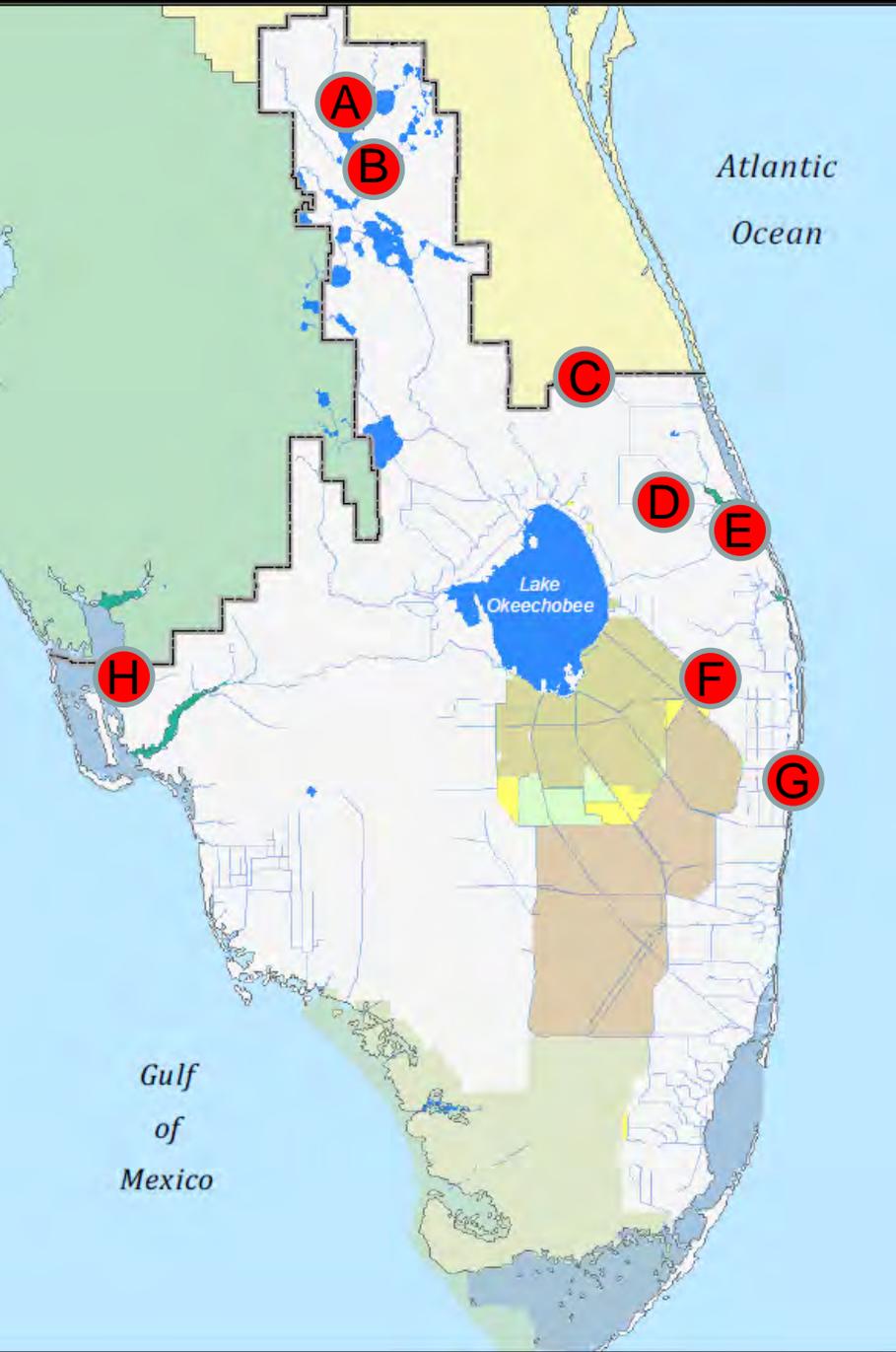
- Initiate pilot program consistent with Statute
- Develop selection criteria for potential projects and report back to the Board
- Staff directed to identify projects that meet the selection criteria

Potential Pilot Project Designation

- Staff sent a request for projects to stakeholders
 - Distributed to stakeholders District-wide on October 19th
 - Requested submittal of potential projects
 - Project summary
 - Total cost
 - Funding sought
 - Water made available
 - Schedule
 - Outcome and benefits
 - Suggestions on evaluation criteria
 - Reply by November 4th

Projects Submitted

Entity	Project Name	AWS Type	Estimated Project Cost	Requested Funding	Water Made Available
Boynton Beach	Indirect Surface Water Public Reuse	Stormwater	\$0.2 million	\$0.2 million	0.14 MGD (pilot)
Charlotte County	Burnt Store Reclaimed Water Wetlands	Reclaimed Water	\$0.8 million	\$0.8 million	0.10 MGD (pilot)
Grove Land Utilities	Grove Land Reservoir and STA	Stormwater	\$435 million	Capital costs not otherwise funded	122 MGD
Palm Beach Aggregates	C-51 Reservoir Phase 1	Stormwater	\$161 million	None from SFWMD \$74-\$97 million in legislative financing	35 MGD
Port St. Lucie	McCarty Ranch Extension	Stormwater	\$15.3 million	\$8 million	up to 24.3 MGD
Stuart	Floridan Aquifer Wellfield	Brackish Groundwater	\$17.5 million	"Rate Impacts"	4.5 MGD
Tohopekaliga Water Authority	Cypress Lake Wellfield	Brackish Groundwater	\$132 million	\$65.8 million	17 MGD
TWA, Osceola County	Judge Farms Reservoir	Stormwater	\$67 million	\$28 million	6 MGD



Project Locations

- A Judge Farms Reservoir
- B Cypress Lake Wellfield
- C Grove Land Reservoir and STA
- D McCarty Ranch Extension
- E Stuart Floridan Aquifer Wellfield
- F C-51 Reservoir – Phase 1
- G Boynton Beach Indirect Surface Water Reuse
- H Charlotte County/Burnt Store Reclaimed Water Wetlands

Other Criteria for Consideration

- Supports goals & objectives of regional water supply plans
- Reduces dependence on traditional sources
- Regional impact
- Multi-jurisdictional participation
- Project timeliness
- Level of local-government funding

Next Steps

- Receive Governing Board feedback on criteria today
- Staff review of project submittals
- Results brought back to December Governing Board
- Governing Board considers making an Alternative Water Supply Pilot Project designation in December
 - Timing allows project stakeholders the opportunity to be considered in State budget



Discussion