

**Name of project option and project number:**

Project name: Joint Tampa Bay Water/Polk County Supply

Project RWSP number: SU134

**Description of project:**

Polk County has been meeting with representatives of Tampa Bay Water and the Southwest Florida Water Management District (SWFWMD). In 2007, the Executive Director of the Southwest Florida Water Management District recommended that Polk County collaborate with Tampa Bay Water to see if any potential future project benefits might accrue through a cooperative approach.

Extensive coordination between Polk County and Tampa Bay Water has occurred since that time.

The Polk County Board of County Commissioners and Tampa Bay Water Board of Directors formalized these discussions in a Memorandum of Understanding (MOU) that was approved by both parties in 2009. As provided for in the MOU, Polk County and Tampa Bay Water have shared technical and engineering information and analyses related to water supply planning studies and have discussed whether future water supply project(s) might have the potential to provide benefits to both parties if jointly pursued.

Extensive coordination and information sharing has occurred; to date no specific jointly beneficial project(s) has been identified. If potential project(s) are identified that might have joint benefit, the County and Tampa Bay Water would need to work further to understand the technical, financial, regulatory, and environmental feasibility of the project(s). The MOU also acknowledges that both Tampa Bay Water and Polk County have made significant financial and administrative investments in their existing water use permits, and these water use permits are not the subject of the planning agreement.

Tampa Bay Water is currently studying 7 potential new water supply projects. The results of the feasibility of those projects will be taken to the Tampa Bay Water Board in 2018 as part of the update of their Master Water Plan. At that time, the Tampa Bay Water Board may choose one or more projects for implementation, in order to meet Tampa Bay Water's Member Government demands in the planning timeframe.

Tampa Bay Water's Interlocal Agreement gives the agency the ability to contract with public entities to sell water, subject to the preferential right of each Member Government to purchase water for their use. Under this provision, Tampa Bay Water's Board of Directors has the contractual authority to sell water to Polk County. Tampa Bay Water Member Governments can also change their water service area (i.e. sell water to customers such as Polk County). If the sale of water to customers in a new water service area is by a Member within the applicable county boundaries, then no approval by the Tampa Bay Water Board is required. If the Member Government wishes to sell water

outside the county boundary of their service area, then approval by the Tampa Bay Water Board is required.

**Amount of water estimated to become available through the project option expressed as average daily flow (measured in million gallons per day [mgd]):** Project capacity was estimated at 10 mgd for Polk County.

**Estimated planning-level costs:** Draft costs will be revised when CFWI Cost Estimating team finalizes their spreadsheet.

- a. Total capital: TBD*
- b. Construction: TBD*
- c. Operation and maintenance: TBD*
- d. Unit production cost: TBD*

**Estimated Implementation Schedule:**

**Time frame in which project option could be implemented:** Polk County anticipates a need of 10 MGD, although the target date of 2035 may be pushed out. Tampa Bay Water will most likely require additional water supply in the CFWI planning timeframe. Should a future project be found beneficial for the County and Tampa Bay Water to cooperatively implement, further agreements beyond the existing MOU would be needed. Planning and other Agreements would be required with a Polk County Regional Water Supply Entity.

**Water resource constraints:**

**Have any minimum flows or levels (MFLs) been established that would apply if a consumptive use permit (CUP) were sought for a project implementing the project option:** Tampa Bay Water uses chloramines for disinfection; Polk County uses free chlorine.

**Consideration of any applicable existing water resource constraints such as MFLs, any recovery or prevention strategy, or water use reservation:** Tampa Bay Water must meet their contractual commitments to their member government customers.

**Project feasibility:**

Cost and capacity both decrease feasibility substantially. Easements or land purchases would be needed for pipeline corridor for the interconnect and land purchases maybe needed for additional treatment or pumping facilities.

**Consideration of how the public interest is served by the project option or how the project option will save costs overall by preventing the loss of natural resources or avoiding greater future expenditures for water resource development or water supply development:**

**Name of entity or entities that should implement the project option and current status of project option's implementation:**

Agreements would be required with a Polk County Regional Water Supply Entity. Should a future project be found beneficial for the County and Tampa Bay Water to cooperatively implement, further agreements beyond the existing MOU would be needed. For Tampa Bay Water to sell water to Polk County or a Polk County Regional Water Supply Entity, a contract would need to be approved by each entities governing body (such contract would be subject to the preferential right of each Tampa Bay Water Member Government to purchase water for their use). A Tampa Bay Water Member Government could sell water to a customer outside their current water service area (i.e. Polk County or a Polk County Regional Water Supply Entity), with the approval by the Tampa Bay Water Board as the change in their water service area is outside the county boundary of the Member.

**Analysis of funding needs and sources of possible funding options:** State and Regional partnership(s): Tampa Bay Water, Polk County Regional Water Supply Entity, SWFWMD