

Addendum to Staff Report
Memorandum
Response to Southwest Florida Water
Management District Comments



UTILITIES DEPARTMENT

MEMORANDUM

TO: Scott Swearingen, Long Range Planning Manager, Planning Department

FROM: Bob Peacock, Interagency Water Manager, Utilities Department

SUBJECT: Response to SWFWMD January Letter, Pinellas County 17-1ESR

DATE: April 24, 2017

In response to the above referenced letter, I respectfully provide the following responses:

Regional Water Supply

1) The Work Plan is required to cover a ten-year planning period. The period for this plan is not clearly discernible. A solution for this is identifying the planning period in narrative language.

Response: The ten year planning period documented in the Water Supply Facilities Work Plan is from FY 15/16 through FY 25/26.

2) Concerning water supply demand, the Work Plan projections appear significantly higher (i.e., almost two times) than forecasts prepared by the District. (See the District's Tampa Bay community pages at <http://www.swfwmd.state.fl.us/documents/plans/RWSP/comm-sheets/files/TampaBayPlanningRegion.pdf>.) A discussion addressing how the projections were prepared would help in reconciling the differences. This information should be incorporated into the adoption support materials and include the projected population, per capita water supply demand planned for and service area boundaries.

Response:

Pinellas County's projected Total Water Demand, as provided in the Ten Year Water Supply Facilities Plan, is an accurate projection of retail and wholesale water demand through FY 25/26. Demand from the City of Clearwater will be impacted by the development and success of their Groundwater Replenishment Program. Although we ultimately are anticipating a decrease in demand from Clearwater of approximately 3 mgd, the timing of that decrease is tied to the timing of their Groundwater

Replenishment Program. After conversations with SWFWMD, the discrepancies between SWFWMD's projected demands and the demands identified in the County's Ten Year Facilities Plan, are attributable to the delineation of demand between our wholesale and retail water customers within SWFWMD's projections.

3) A clear, discernible utility service area map should be provided. This is necessary because the map limits identity populations being planned for. In addition, the last map was provided several years ago and the boundaries do change periodically.

Response: Please see attached Pinellas County Utility Service Area maps depicting Potable Water and Waste Water service areas, respectfully.

4) The Work Plan is required to identify reuse and water conservation activities needed to help meet projected water demand for the planning period. There is no discussion of these activities even though the County has direct control of them and dedicated significant resources for development and implementation over the years. The Work Plan should be updated to include this discussion.

Response: The previously submitted Facilities Plan identified significant reclaimed water system expansion and conservation programs implementation within Pinellas County Utilities service areas. These system expansion and program implementation efforts resulted in a significant reduction in per capita water usage within that service area. This Ten Year Facilities Plan identifies Utilities strategic focus and commitment to the ongoing operation and maintenance efforts required to maintain the existing water, wastewater and reclaimed water infrastructure.

5) The Work Plan is required to identify facilities needed to meet projected water supply demand during the planning horizon. Facilities were included in the Work Plan but it's unclear whether needs would be met since no companion narrative addressed the topic. A discussion should be included providing assurances that facilities needed for water demand during the planning horizon are planned for.

Response: Pinellas County purchases all of its water from Tampa Bay Water to service its wholesale and retail water customers. Tampa Bay Water is mandated via the Master Water Supply Agreement to meet its member government's water supply requirements. Section 8 of that Agreement specifically states that "The Authority shall sell and deliver sufficient quality water to the Member Governments to meet their need for quality water and the member governments shall purchase and receive the quality water delivered by the Authority to meet their needs in accordance with the terms of this contract... ." "Except as provided in the Interlocal Agreement, water service obtained by the member governments from the Authority may be utilized to serve only the member governments or their customers within their respective water service areas." Tampa Bay Water can meet their projected water demands for the next 10 to 15 years. They are currently exploring water supply options to address and meet the projected future increase in demands.