

MEMORANDUM

DATE: August 10, 2021

TO: Honorable Mayor and City Commission

VIA: James Slaton, City Manager

FROM: Sarah B. Kirkland, Utilities Director

RE: Water Use Permit Review and Preliminary Water Supply and Permitting Strategy

SYNOPSIS: Hoyle Tanner & Associates, Inc. will provide a water system engineering analysis to supplement the hydrological analysis for the water use permit review and strategy development.

RECOMMENDATION

It is recommended that the Commission take the following action:

1. Approve Engineering services with Hoyle Tanner & Associates, Inc. for \$44,500.00.
2. Authorize the City Manager to execute the appropriate documents, on the City's behalf.

BACKGROUND

The City owns and operates a public, municipal drinking water system serving approximately 29,600 people providing roughly 3 MGD (million gallons per day) including the City and Park Water Company. The current water source is groundwater from the Upper Floridan aquifer, which is treated by aeration and chlorination at several water treatment facilities. The City's ability to withdraw groundwater from the current source, the Upper Floridan Aquifer, is limited by the City's Water Use Permit (WUP). Besides the withdrawal limits, the WUP contains 24 special conditions requiring, among other things, a regulatory permit review in early 2022 that could result in changes to the limits and other aspects of the WUP. To prepare for this upcoming review, Task Order #2 provides a review of these special conditions and the City's compliance as well as the development of a preliminary water supply and permitting strategy for the upcoming review and required reports.

Staff recommends the Commission take the following action, approve entering into a contract with Hoyle Tanner to provide a water system engineering analysis to supplement the hydrological analysis for the water use permit review and strategy development for \$44,500.00, and authorize the City Manager to execute the appropriate documents, on the City's behalf.

OTHER OPTIONS

None. The 2022 WUP Review is a requirement placed in the permit by the Southwest Florida Water Management District. The 2022 review represents the mid-way point for the current 20-yr operating permit.

FISCAL IMPACT

The 2020-21 Utilities M & R budget line item for permitting.

ATTACHMENTS

Hoyle Tanner & Associates Inc. Engineering Task Order #3