



STAFF REPORT

Regular City Commission Meeting

January 23, 2024

To: Elected Officials

From: Dale L. Martin, City Manager

Date: January 23, 2024

Item Name: Resolution 2025-02. A Resolution by the City Commission of the City of Flagler Beach, Florida, approving a proposal from Connect Consulting, Inc, in an amount not to exceed \$61,890 for the evaluation of Well #11 in relation to the increased salt intrusion; providing for conflict and an effective date.

Background: The City provides water to its customers under Consumptive Use Permit (CUP) No. 59, issued by the St. Johns River Water Management District (SJRWMD) on October 12, 2016. To support this operation, the City operates a well field consisting of six (6) active and one (1) newly constructed well.

Well #11 was constructed in 2008 as a twelve-inch diameter well. An evaluation in 2014 documented that the casing seal was compromised or missing completely, leading to the intrusion of material affecting operations at the Water Treatment Plant. Subsequently in 2015, Well #11 was modified by installing an eight-inch sleeve liner casing to remedy the infiltration issues. The well was also deepened to 250 feet at this time

In spite of these remedies, the salt concentration has significantly increased. In September 2024, Connect Consulting, Inc. (CCI) was contacted by City staff to assess the cause of the increasing salinity. A proposal to perform this evaluation was received by CCI on September 30, 2024 in the amount of \$61,890. The formal proposal outlining the scope of work and the well field services to be provided are attached.

Fiscal Impact: Funding for the project (designated "Project Number 585") will be drawn from the Utility Infrastructure Reserve.

Staff Recommendation: Staff recommends approval of Resolution 2025-02.

Attachments:

Resolution 2025-02

City of Palm Coast Professional Hydrogeological Master Services Agreement