



"The Best Waterfront City in Which to Live, Work and Play."

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**CITY OF RIVIERA BEACH – MEMORANDUM**

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**TO:** HON. MAYOR, CHAIRPERSON, AND CITY COUNCIL

**THROUGH:** JONATHAN EVANS, CITY MANAGER, MPA, MBA, ICMA-CM

**FROM:** JONATHAN BATISTA, ACTING EXECUTIVE DIRECTOR

**SUBJECT:** **HOLTZ CONSULTING ENGINEERS, INC. CROSS CONNECTION CONTROL PROGRAM PROPOSAL**

**DATE:** JANUARY 20, 2021

**CC:** GENERAL PUBLIC

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**Background:**

The City of Riviera Beach Utility Special District (District) Cross Connection Program is in need of review and update to comply with the latest regulatory requirements regarding cross connection control and public water supply systems. As defined in Rule 62-550.200, F.A.C., a “Cross-Connection” means any physical arrangement whereby a public water supply is connected, directly or indirectly, with any other water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture, or other device which contains or may contain contaminated water, sewage or other waste, or liquid of unknown or unsafe quality which may be capable of imparting contamination to the public water supply as the result of backflow.

As per Rule 62-555.360, F.A.C. Cross-Connection Control for Public Water Systems, Cross-connections are prohibited unless appropriate backflow protection is provided to prevent backflow through the cross-connection into the public water system. Furthermore, each community water system (CWS) shall establish and implement a Cross-Connection Control Program utilizing backflow protection at or for service connections from the CWS in order to protect the CWS from contamination caused by cross-connections on customers’ premises.



Once created, this program shall include a written plan that is developed using recommended practices of the American Water Works Association set forth in the *Recommended Practice for Backflow Prevention and Cross-Connection Control: AWWA Manual M14*, Third Edition, as clarified and modified in paragraph (a), below. The third edition of *AWWA Manual M14* is incorporated herein by reference and is available as indicated in paragraph 62-555.360(1)(a), F.A.C.

The District has requested a proposal from Holtz Consulting Engineers, Inc. to provide an update of its Cross-Connection Control Program, which includes:

1. A written Cross-Connection Control Implementation Plan and Schedule
2. A revised Cross-Connection Control Ordinance and
3. Cross-Connection Control Program Procedures.

This work is directly related to submitting the Florida Department of Environmental Protection Cross-Connection Control Program Annual Report.

**City Goals:**

The Citywide Goal is to Accelerate Operational Excellence.

**Fiscal/Budget Impact:**

This is a budgeted expenditure not to exceed \$67,340 on a time and expense basis from the FY2021 Capital Budget, Project Number 18152 Water and Wastewater Improvements, pages 248-249.

**Recommendation:**

The Utility Special District recommends the approval of the associated Resolution so that the District can receive consultant support to comply with regulatory requirements.

**Attachments:**

Resolution

Holtz Proposal

