



City of Boynton Beach Agenda Item Request Form

Meeting Date: 05/ 6/2025

Proposed Resolution No. R25-122- Approving Amendment No. 1 (with 100% principal forgiveness) to the State of Florida Department of Environmental Protection Drinking Water State Revolving Fund Planning and Design Loan Agreement DW501300 to develop the Water Treatment plant(s) planning and design project(s) intended to address drinking water compliance with proposed regulations related to emerging contaminants, to increase the loan amount by \$232,821 and provide a one-year extension through August 15, 2027.

Requested Action:

Staff recommends approval of Proposed Resolution No. R25-122.

Explanation of Request:

The City of Boynton Beach (City) owns and operates two water treatment facilities: The East Water Treatment Plant and the West Water Treatment Plant. The City's water treatment facilities serve a population of 112,000. The City's water sampling program has identified the presence of emerging contaminants (PFAS), which are listed on the United States Environmental Protection Agency's Fifth Unregulated Contaminant Monitoring Rule (USEPA's UCMRS), in the raw water that supplies the WTP. Under recent USEPA action, proposed maximum contaminant levels (MCLs) have been established for certain PFAS constituents (PFOS and PFOA), together with a compliance deadline of December 2026.

The City is preparing to evaluate alternatives for improvements to both facilities to comply with proposed PFAS regulations, evaluating the existing treatment processes and other treatment technologies that may be incorporated into the process that may cost-effectively maintain compliance with the subject regulations.

Florida Statutes provide loans to local government agencies to finance the planning, design, and construction of drinking water treatment facilities. The Florida Administrative Code rules require authorization to apply for loans, establish pledged revenues, designate an authorized representative, provide assurances of compliance with loan program requirements, and enter into a loan agreement; the State Revolving Fund loan priority list designates Project No. DW501300 as eligible for available funding.

Amendment No. 1 increases funds by \$232,821 for this project and provides a one-year extension until August 15, 2027.

How will this affect city programs or services?

The City of Boynton Beach is dedicated to the health and well-being of its residents and finds it imperative to accept and approve Amendment No. 1. This critical project involves securing a loan to enhance the City's water treatment facilities, specifically targeting emerging contaminants. By investing in cleaner, safer water, we are safeguarding public health, supporting sustainable development, and ensuring a healthier, more promising future for all members of our community.

Account Line Item and Description: N/A

Fiscal Impact:

The State Revolving Fund loan offered by the Florida Department of Environmental Protection is expected to fund \$5,400,000 for the total project.

Attachments:

[R25-122 Agenda_Item_3077-](#)

[2025_Resolution_for_Amd_1_to_FDEP_Drinking_Water_Loan_agmt.docx](#)

[Exhibit A to Resolution - Attachment 1 -Boynton Beach DW501300 A1 - inc - EC.pdf](#)

[Attachment 2- DW501300- Federal Funding Accountability and Transparency Act Form.pdf](#)

[Attachment_3_-_City_of_Boynton_Beach_-_DW501300_-Fully Executed.pdf](#)

[Attachment 4 - R23-185.pdf](#)