



City of Plantation
City Council Chambers

Subject:

Regional Biosolids Facility Design Interlocal Agreement

Summary:

A RESOLUTION OF THE CITY OF PLANTATION, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS OF THE CITY OF PLANTATION TO EXECUTE THE INTERLOCAL AGREEMENT WITH BROWARD COUNTY, FLORIDA TO FUND THE DESIGN OF A REGIONAL BIOSOLIDS SOLUTIONS FACILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

Background:

Biosolids are the cleaned and treated solids that come from the wastewater treatment process. Plantation currently produces about 10,588 wet tons of biosolids per year.

Changing regulatory requirements and a drastic reduction in the number of permitted land application sites created a necessity for the City of Plantation along with other municipalities to explore alternatives for biosolids management.

In 2023, the city, along with 10 other local utilities, entered into an interlocal agreement with Broward County to study the feasibility of a regional biosolids management facility (Study ILA). A Conceptual Study was completed in 2024. It confirmed the technical and financial feasibility of constructing a regional biosolids facility to process wastewater residuals, reduce landfill dependence, and ensure compliance with current and future Florida Department of Environmental Protection regulations.

Next step in the process is the facility design. Broward County Commission approved the interlocal agreement pertaining to the joint funding for the design of a regional biosolids facility (Exhibit A - Regional Biosolids Design ILA) on November 13, 2025.

Entering into the Regional Biosolids Design ILA, would enable the city to participate in the

design of the facility. Once the design is completed, a third ILA pertaining to the construction and use of the facility would be brought forward for the City Council consideration.

Should the city decide not to participate in the ILA, it would have to design, construct, operate and maintain its own stand-alone class A facility solely bearing the full cost associated with it. The City's consultant, Hazen and Sawyer, evaluated the regional facility and the stand-alone city facility alternatives and concluded that the construction cost for the stand-alone city facility would be 50% to 100% greater than the city's share of construction costs for the regional facility. More detailed review of advantages and disadvantages of each approach is available in the Exhibit B - Plantation Biosolids Processing Alternatives.

Should the city elect to enter into the Regional Biosolids Design ILA, the city's cost for design is estimated around \$2.4 million.

Based on the current research and best available information, Utilities Department recommends participating in the Regional Biosolids Design ILA.

Funding:

Design cost is expected to be covered by Wastewater Capacity charges.

Amount:

Estimated at 2.4 million based on the anticipated total design cost and the proportion of the facility's total capacity reserved by the City of Plantation.

Finance Director/Budget Manager Recommendation:

The Regional Biosolids Facility Design is funded by the Utilities Wastewater Capacity Fund, Fund Balance. The current available fund balance as of 9/30/2025 is: \$\$8.5M.

Prepared By:

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ATTACHMENTS:

[Resolution Approving ILA with Broward County for Regional Biosolids Facility 4902-5725-5299 4_.docx](#)
[Exhibit A - Regional Biosolids Design ILA.pdf](#)
[Exhibit B - Plantation Biosolids Processing Alternatives.pdf](#)
[Plantation Utilities Biosolids Presentation \(003\).pptx](#)
[Study ILA signed 2023.pdf](#)