

**Indian River County, Florida
Solid Waste Disposal District
Board Memorandum**

Date: September 27, 2019

To: Jason E. Brown, County Administrator

From: Vincent Burke, PE, Director of Utility Services

Prepared By: Himanshu H. Mehta, PE, Managing Director, Solid Waste Disposal District

Subject: Biosolids Agreement between the Solid Waste Disposal District and the City of Vero Beach

Descriptions and Conditions:

The City of Vero Beach has requested that the Solid Waste Disposal District (SWDD) accept the City's Dewatered Biosolids at the Indian River County (IRC) Landfill for disposal in accordance with a Biosolids Agreement between the two parties.

A draft agreement was developed between the respective utility departments, at which time the agreement was taken and approved by the City Council on August 23, 2019. Indian River County staff supports the approval of the attached agreement by the SWDD Board.

Analysis:

A brief summary of the attached Biosolids Agreement is as follows:

- **Delivery and Acceptance of Biosolids** – The City of Vero Beach, or its authorized Biosolids process/transporter, shall process, transport, and deliver to the IRC Landfill, Biosolids resulting from the operation of its municipal sewer system and sewer treatment facility only and shall not process Biosolids from outside its jurisdiction. All Biosolids delivered to the IRC Landfill shall meet all quality standards in the agreement and meet applicable law.
- **Term of the Agreement** – The initial term of this agreement shall be two (2) years, commencing on October 8, 2019, and terminating on October 7, 2021. The agreement shall automatically renew for an additional one (1) year term unless written notice of non-renewal or termination with appropriate notice as stipulated in the agreement.
- **Disposal Fee** – The City of Vero Beach shall pay the 2019-2020 Fiscal Year Landfill Residue Disposal Fee of \$19.68 per ton, reflecting an increase of \$0.60 from the 2018-2019 Fiscal Year rate of \$19.08 per ton.

- **Quality Standards** – The City of Vero Beach shall meet all Florida Department of Environmental Protection (FDEP) requirements for disposal in Class 1 Landfill, must meet the definition of “Residuals” or “Domestic Wastewater Residuals”, must not be classified as Hazardous Waste, must meet a minimum Total Solids content of 17% solids, must pass a paint filter test and, starting from the first delivery to annually thereafter, must provide and meet the criteria for Toxicity Characterization Leaching Procedure (TCLP).

The City of Vero Beach currently transports their Biosolids to the Okeechobee Landfill for disposal at a rate of \$30.98 per ton, with approximately 40 to 50 tons per week (maximum of 2,600 tons per year). Their current estimated cost for annual disposal is approximately \$80,000. The attached agreement will save the City of Vero Beach approximately \$30,000 per year.

Currently, the IRC Landfill accepts the Biosolids from the IRC Department of Utility Services at a loading of approximately 8,000 tons per year. The additional Biosolids from the City of Vero Beach is acceptable for disposal at the IRC Landfill, and therefore, staff recommends approval of the attached Biosolids Agreement between SWDD and the City of Vero Beach.

Funding:

Funding for the SWDD Class 1 landfill services is budgeted and available in the SWDD landfill account, which is funded from SWDD assessments and user fees.

Description	Account Number	Amount
Contractual Services	41121734-033489	\$28,000 – \$36,000

There will be a disposal cost of approximately \$28,000 to \$36,000 per year from Republic Services; however, it is anticipated that approximately \$40,000 to \$51,000 in revenue will be received from the disposal of Biosolids from the City of Vero Beach.

Recommendation:

Solid Waste Disposal District staff recommends that its Board approve the Biosolids Agreement with the City of Vero Beach and authorize the Chairman to execute the same, as presented.

Attachment:

- 1) Biosolids Agreement with the City of Vero Beach