



Public Works and Environmental Services Department

WATER AND WASTEWATER SERVICES - OPERATIONS

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February 26, 2026

Rodrigo de Castro, P.E., CFM
Director of Utilities
City of Sunrise Utilities Department
777 Sawgrass Corporate Parkway
Sunrise, Florida 33325

Subject: City of Sunrise Biosolids

Dear Mr. de Castro:

Based on the study results you submitted and the attached letter from the County's consultant Brown and Coldwell, it has been determined that at this time the City of Sunrise's sludge has substantially similar standards to the biosolids quality specifications required in Exhibit B, Section 1, Number 3 of the Interlocal Agreement between Broward County and the City of Sunrise to fund the design of a regional biosolids solution facility.

Please note that if the quality of the sludge changes, the City of Sunrise will need to ensure the sludge remains within acceptable parameters and further testing may be required.

I am proud of the Regional Biosolids Group accomplishments to date. They took on a difficult challenge and found a collaborative solution. The City of Sunrise has been an instrumental part of crafting that collaborative solution and I am looking forward to the long-term partnership.

Sincerely,

A blue ink handwritten signature, appearing to read "Mark Darmanin", with a long horizontal line extending to the right.

Mark Darmanin, Director
Water and Wastewater Operations

MD/bam

Broward County Board of County Commissioners

Mark D. Bogen • Alexandra P. Davis • Lamar P. Fisher • Beam Furr • Steve Geller • Robert McKinzie • Nan H. Rich • Hazelle P. Rogers • Michael Udine
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February 25, 2026



Mark Darmanin, Operations Director
Public Works and Environmental Services
Broward County Water and Wastewater Services
2555 W. Copans Rd.
Pompano Beach, FL 33069

Subject: City of Sunrise Biosolids

Dear Mr. Darmanin:

As you are aware, the City of Sunrise (City) has been a member of the Regional Biosolids Solutions Working Group and does not currently produce Class B biosolids. At the City's request, Brown and Caldwell evaluated the stability of the City's waste activated sludge (WAS) and compared it to a Class B biosolids sample from the Broward County North Regional Wastewater Treatment Plant (BCNRWWTP). The evaluation included laboratory testing to quantify carbon dioxide and ammonia emissions, moisture release and physical observations over a five-day simulated storage period. Test results from the three biosolids samples, WAS from the City's two WWTPs and Class B biosolids from the BCNRWWTP, were similar and remained constant throughout the test period.

Based on these analytical results and observed performance, the City of Sunrise's biosolids demonstrated substantially similar stability characteristics to those exhibited by Class B biosolids from the BCNRWWTP. Accordingly, the City's biosolids are considered suitable for thermal drying in Broward County's planned regional dryer facility.

Please let us know if you need any further clarification.

Sincerely

Brown and Caldwell

A handwritten signature in black ink, appearing to read 'DJ Wacker'.

DJ Wacker, PE
Southeast Area Practice Leader – Biosolids and Energy

A handwritten signature in black ink, appearing to read 'Celia D. A. Earle'.

Celia D. A. Earle, Ph.D., BCEEM
Vice President