



FLORIDA DEPARTMENT OF Environmental Protection

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December 21, 2021

E-mail:

Achaya.Kelapanda@miamidade.gov

Achaya Kelepanda, P.E., Assistant Director
Miami-Dade County Solid Waste Management
2525 NW 62 Street, Suite 5100
Miami, FL 33147

RE: Extension Request for an Approved Beneficial Use Pilot Project for the Processing of
WTE Bottom Ash for Use as a Kiln Feed Ingredient for Cement Production
Miami-Dade Resource Recovery Facility
Facility ID No. 56825, COC PA 77-08

Dear Mr. Kelepanda:

This letter is in response to the request from Miami-Dade County, dated November 8, 2021, to extend the above-referenced pilot project. The following items were indicated in your request:

1. The Operation of the pilot project began on February 10, 2021, with the Mobile Metals Recovery System (MMR) placed at the MDRRF ash monofill.
2. The acceptance of processed ash product by Titan America (Titan) has progressed slower than anticipated due to process adjustments by Titan related to the chemistry of the processed ash. Additional adjustments by Titan, as well as, production adjustments to the MMR to meet Titan's quality requirement has slowed production and acceptance.
3. Covanta expects less than 50% of the projected 90,000 tons of ash to be processed within 12 months of the start of operation of the pilot project.
4. The MDRRF is requesting an extension of the pilot project, approved on July 15, 2020, for a period of up to an additional 12 months.

Based on review of the information submitted, the Department has no objections to the time extension for up to additional 12 months, through February 10, 2023, for the beneficial use as outlined in the letter dated July 15, 2020.

Mr. Kelepanda, P.E.

Page 2 of 2

December 21, 2020

Please be aware that neither this letter nor the statutory exemption releases any person from liability for causing pollution or violating any other state or federal regulations or local ordinances. If you have any questions, please contact El Kromhout at (850) 245-8744.

Sincerely,

Tim Bahr, P.G.

Director, Division of Waste Management

Referenced Documents

1. July 15, 2020 Response on Beneficial Use Request to Conduct A Pilot Project for the Processing of WTE Bottom Ash and Use as a Kiln Feed Ingredient for Cement Production.

[https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&\[guid=8.333228.1\]&\[profile=Permitting_Authorization](https://depdms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=8.333228.1]&[profile=Permitting_Authorization)

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