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November 30, 2015

Mr. Richard Tedder, Ph.D, P.E.
Program Administrator
Division of Waste Management
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399

SUBJECT: Request for Authorization for Drilling of Research Test Bores at the West Pasco Ash Monofill

Dear Mr. Tedder:

Pasco County has expressed interest in the recycling of waste to energy ash (combined ash) currently contained in their West Pasco ash monofill. These efforts build on the successful pilot project and Department approval for the beneficial use of their processed waste to energy bottom ash conducted in 2013-2014. The University of Florida has been assisting the county in developing the necessary testing methodology to characterize ash in the West Pasco monofill. Pasco County, with support from the University of Florida, proposes to conduct a series of test borings into the monofill to collect ash samples for testing.

Ash samples will be collected by boring into the landfill with a drill rig and removing the cuttings from a solid-shaft open-flight auger; multiple test bores will be retrieved in each one of the County's ash cells: A-1 through A-4. The entirety of the ash collected will be transported to the University of Florida Solid and Hazardous Waste Management laboratories for testing. Bores will be taken by drilling through the temporary geomembrane rain cover system placed on the inactive cells (no areas with final cover will be disturbed). Following completion of the borings, the holes in the cover system will be repaired by a licensed contractor.

Critical importance will be placed on preventing any damage to the landfill's liner and leachate collection system. All drilling activities will be supervised by University of Florida research personnel along with representatives from the County. All drilling will be to a depth of no greater than 30 feet (maintaining at least 10 ft of buffer from the top of the leachate collection system to the deepest part of the boring). The attached document (*Sampling and Experimental Plan of Testing for Combined Ash from the West Pasco Landfill*) outlines the locations of test bores and the proposed testing plan.

By way of submittal of the attached document, Pasco County, Florida requests permission from the Department to collect and test samples of ash from the West Pasco ash monofill units. We are happy to answer any questions and address any concerns that you might have. The work proposed does not require any modification to the site's current operating permit.

Thank you for your time and consideration. I submit this letter acting on behalf of Pasco County.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy Townsend". The signature is fluid and cursive, with a large, stylized "T" and "T" at the end.

Timothy Townsend, Ph.D., P.E.
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