

June 10, 2013

Mr. Richard Tedder, PE
Solid Waste Section
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 4565
Tallahassee, Florida 32399

Re: Southeast County Landfill, Hillsborough County, Florida
Permit No. 35435-014-SO/01

Dear Mr. Tedder:

On behalf of the Hillsborough County Public Utilities Department, Solid Waste Management Group (SWMG), HDR Engineering, Inc. (HDR) is submitting an Operations Permit Renewal Application (Application) for Phases I-VI (162.4 acres) and Sections 7, 8, and 9 (34.5 acres) of the Capacity Expansion area located at the Hillsborough County Southeast County Landfill (SCLF), 15960 County Road 672, Lithia, Florida (8.8 miles east of U.S. Highway 301 on County Road 672) in Hillsborough County. This Application follows the Florida Department of Environmental Protection (FDEP) rules set forth in 62-701 (FAC). The SWMG is requesting a 10-year renewal period for the SCLF, as approved by Florida HB-503.

This submittal package includes the following:

- One Operations Permit Renewal Application and supporting documentation for Phases I-VI (162.4 acres) and Sections 7, 8 and 9 (34.5 acres) of the Capacity Expansion area, Southeast County Landfill, Hillsborough County, Florida, signed and sealed by a Professional Engineer registered in the state of Florida.
- One set of operations fill sequence plans for the Phases I-VI area, signed and sealed by a Professional Engineer registered in the state of Florida.
- One set of operations fill sequence plans for Sections 7, 8, and 9 of the Capacity Expansion Area, signed and sealed by a Professional Engineer registered in the state of Florida.
- One CD containing electronic files (PDFs) of the complete Operations Permit Renewal Application, fill sequence plans for Phases I-VI and fill sequence plans for the Capacity Expansion Area (Sections 7, 8, and 9).
- Check in the amount of \$10,000 for the first five years of the operations permit per 62-701.315(2)(a) and (13).

This permit renewal application is similar to the permit renewal application submitted in 2007 and approved by the FDEP. This Application includes previously submitted information for ease of reference. Sections with no changes are marked as such on the Application Form 62-701.900(1), and may have a reference to direct the reader to a copied or re-typed area of the Application.

As required by FDEP Solid Waste Rules 62-701 (FAC), updates and revisions have been completed for: Part E – Site Life; Part H – Hydrogeological Investigation; Part I – Geotechnical Investigation; Part L – Water Quality Monitoring; and, Part R – Financial Assurance.

As discussed during our March 27, 2013 pre-application phone conversation, the following changes have been made to the previously submitted Operations Plan (May 2012) and Leachate Management Plan (May 2011):

- The fill sequencing plan for the Phases I-VI area in Section K.2.f and Appendix E of the Operations Plan (Appendix B) area have been updated to reflect the remediation of the sinkhole and established set backs in Phase VI.
- Section K.7 of the Operations Plan (Appendix B) has been modified to include pre-processing of materials in the active fill area.
- Section K.11.a of the Operations Plan has been modified to include minimal equipment washing in the active fill area.
- Section 8.3.2 of the Leachate Management Plan (Appendix C) has been modified to provide a performance-based requirement for spray irrigation of treated effluent on Phases I-VI.

Additionally, based on our hydrogeological review, we request that sampling frequency of groundwater and surface water monitoring locations be changed from quarterly to semi-annually. A discussion of our rationale for this request is included in Part H of this application.

Please call me at (813) 262-2776 if you require additional information.

Sincerely,

HDR ENGINEERING, INC.



Richard A. Siemering
Solid Waste Section Manager

cc: Steve Morgan, FDEP
Ron Cope, EPC
Patricia Berry, SWMG
Larry Ruiz, SWMG