



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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SECRETARY

July 11, 2013

E-Mail: berryp@hillsboroughcounty.org

Ms. Patricia Berry, Manager
Hillsborough County Public Utilities
Solid Waste Management Group
925 E. Twiggs Street
Tampa, Florida 33602

RE: Hillsborough Southeast County Landfill, Hillsborough County
Operation Permit Renewal
Facility ID Number: 41193
Permit Number: 35435-014-SO/01

Dear Ms. Berry,

Thank you for the subject Southeast County Operations Permit Renewal Application dated June 10, 2013 and received on June 13, 2013. This application was prepared by HDR Engineering, Inc. Based on the Department's review, the application is incomplete at this time. Please provide the information requested below as soon as possible.

1. Please provide proof of publication for the notice of application as required by F.S. 62-701.320(8)(a)
2. Section K.7 of the Operations Plan (Appendix B) has been expanded to include pre-processing of materials in the active fill area. Please specify exactly what will be included in the pre-processing and further amend the operations plan to include implementation details of the pre-processing scheme.
3. Please provide implementation details of the minimal equipment washing in the active fill area proposed in section K.11.a of the operations plan. Please demonstrate that all runoff generated by the equipment washing will remain within the lined area of the landfill.
4. Section L.1.e Initial and Routine Sampling Frequency and Requirements. The porosity of 0.45 used to calculate the ground water flow velocities in the Surficial Aquifer is higher than the previously reported range of porosities for the site (0.2 to 0.3) and at the high end of published values for sands. A calculation using a porosity of 0.3 rather than 0.45 indicates a ground water travel distance greater than 50 feet in 6 months near well TH-58. Please provide additional justification for using a porosity of 0.45 rather than the previously reported values.

When responding to this Request for Additional Information (RAI) if a response modifies a section of the application the respective section(s) should be updated accordingly. A revised, complete version of the documents that includes all revisions made in responding to this RAI


should be attached. To enable the Department to view changes to the documents, all additions should be underlined (e.g., added) and all deletions should be struck through (e.g., ~~deleted~~). Additionally, the submittal should make a positive statement that all revisions have been tracked in the aforementioned way. By this method, the Department hopes to have one final version of the respective documents that includes all revisions made during this permitting process.

Evaluation of your application will be delayed until all the requested information has been received. Pursuant to Section 120.60(2), Florida Statutes, the Department may deny an application, if the applicant, after receiving timely notice, fails to correct errors and omissions, or supply additional information within a reasonable period of time.

If your responses involve the practice of engineering or geology, as defined in Chapters 471 or 492, Florida Statutes respectively, please have that work signed and sealed by a professional engineer or professional geologist as appropriate. Also, please submit one hard copy and one electronic copy of the requested information to the Department and reference the above permit number in your correspondence.

In order to ensure your response will be as complete as possible, the Department recommends we have a meeting, either by phone or in person, to discuss your draft submittal. If you would like to discuss any issue in this letter or schedule a meeting with the Department we are happy to do so. Please feel free to contact either Henry Freedenberg or Phil Ciaravella by email at henry.freedenberg@dep.state.fl.us or philip.ciaravella@dep.state.fl.us or by phone at 850-245-8760 (Mr. Freedenberg) or 850-245-8742 (Mr. Ciaravella) or by mail at Mail Stop #4565 at the letterhead address above.

Sincerely,



Henry Freedenberg, P.E., P.G.
Solid Waste Section

cc: Richard Siemering, HDR Engineering, Inc.
Steven Morgan, FDEP Southwest District
Richard Tedder, P.E., FDEP Tallahassee