



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

BY ELECTRONIC MAIL
islike@wm.com

Mr. Irvin Slike
Keene Road Landfill, Inc.
255 West Keene Road
Apopka, FL 32703-7923

OCD-SW-08-0476

Orange County - SW
Vista Landfill
SC48-0165969-014
Review of Certification of Construction Completion for Cell 1 Liner
System and Part of the Leachate Collection System

Dear Mr. Slike:

On September 11, 2008, the Department received the "Certification of Construction Completion of a Solid Waste Management Facility" [DEP Form 62-701.900(2)] and "Final Certification Report for the Construction Quality Assurance Services," for Vista Landfill, LLC. Both documents were signed and sealed by Juan Quiroz, P.E. of Geosyntec Consultants, on September 11, 2008. The certification was for the construction of the liner system and leachate collection system in Cell 1. The certification for the leachate collection system ends at the manhole located south of the leachate storage tank area. Also, the certification did not include construction of ancillary items (i.e., surface water runoff drainage system, access roads, etc.).

Based upon my inspection on September 19, 2008 and a review of supporting documentation prepared by the Engineer of Record, the construction of the Cell 1 liner system and leachate collection system up to the manhole located south of the leachate storage tank has been completed and is substantially consistent with plans and specifications approved in Permit SC48-0165969-014. However, some changes and clarifications are necessary for the report to be approved. The following comments were discussed during the site inspection on September 19.

1. Page 5, last paragraph of section 3.2: Juan Quiroz verified that in the second to last sentence, the word "major" was supposed to be "minor." Mr Quiroz said he would include a list of the minor modifications in the reply.
2. Appendix D-3 has the Panel Placement Log. The last page will be revised to include the panel labeled "repair."
3. Appendix D-5 indicates that all seams passed the quality test. However, Appendix D-7 indicates repairs were needed. Mr. Quiroz will resolve how the two Appendices relate to each other.

4. Appendix D-7 gives the location of each repair. However, the information does not make sense. For example, Repair ID #1-002 is supposed to be 112 feet north of the intersection of panels 1, 2, and 18. But that would be a spot several panels north of the intersection, not a spot touching panel 1. Also, the code "E" for repair type needs to be explained. Mr. Quiroz said the table would be revised. Also, he said a new drawing showing the location of each repair would be included in the reply.

Once the revisions and reply to the above comments are approved, the Department will be able to approve the construction of the Cell 1 liner system and the leachate collection system up to the manhole south of the leachate storage tanks. However, Cell 1 is not approved to receive waste until all permit conditions have been met.

- a. Construction of the leachate handling system must be complete, proper paperwork submitted, and approval from the Department received. Sheree Grant indicated that construction completion is expected by mid-October.
- b. Specific Condition #21 of the permit requires, "New leachate collection systems shall be water pressure cleaned or inspected by video recording after construction but prior to initial acceptance of waste, Rule 62-701.500(8), F.A.C." The report submitted by Geosyntec did not include information about water pressure cleaning or a video recorded inspection.
- c. Specific Conditions 56, 57, and 58 relate to financial assurance. The last approved cost estimate for closure and long-term care costs for Phase I (which includes Cell 1) was dated June 20, 2008. The Department stated Vista Landfill LLC was in compliance with the financial assurance requirements as of August 1, 2008.

Neither this letter nor any prior agreement with the Central District Waste Management Program relieves you of the responsibility of complying with any applicable ordinances, rules, or laws of any local, county, state, or federal government entity. Vista Landfill must complete the leachate handling system; this includes an industrial wastewater permit the Central District. Also, the City of Apopka has separate permitting authority.

Sincerely,



F. Thomas Lubozynski, P.E.
Waste Program Administrator

Date: September 23, 2008

FTL

Paul Bermillo – Waste Management pbermil1@wm.com

Sheree Grant – Waste Management sgrant@wm.com

Juan D. Quiroz, P.E. – GeoSyntec Consultants, Inc. jdquiroz@geosyntec.com

Jay Davoll, P.E. – City of Apopka jdavoll@apopka.net

Ali Kazi - FDEP ali.kazi@dep.state.fl.us