

SCS ENGINEERS

August 5, 2009
File No. 09208007.07

Mr. Thomas Lubozynski, P.E.
Waste Program Administrator
Florida Department of Environmental Protection
Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803-3767

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AUG 11 2009

DEP Central Dist.

Subject: Response to Request for Additional Information (RAI) No. 1
Tomoka Farms Road Landfill, Class III, Volusia County, Florida
Permit Application No. SO64-0078767-026

Dear Mr. Lubozynski:

On behalf of Volusia County (County), SCS Engineers (SCS) submits the following responses to your request for additional information, RAI No.1, in a letter directed to Mr. Leonard Marion, dated July 22, 2009. For ease of review, your comments are restated in bold print, followed by our response in normal print.

- 1. Financial Assurance Cost Estimate.** You have indicated on Page S-1 that the cost estimate dated June 23, 2009 is the same as the cost estimate dated February 1, 2008, which was submitted in Section S of the application to construct the expansion to the Class III cell (SC640078767-024; dated July 11, 2008). The Total Closing Cost in the June 23, 2009 and February 1, 2008, are the same, \$7,436,100. The Total Long-Term Care Costs for the June 23, 2009 and February 1, 2008 are the same, \$1,346,400. You have indicated that the February 1, 2008 cost estimates were approved by the Department. However, these were not the cost estimates approved when the Department issued permit SC64-0078767-024. In your response dated September 26, 2008 to RAI No. 1 concerning the application for SC64-0078767-024, you submitted a new Financial Assurance Cost Estimate. It was signed and sealed by Lee A. Powell and dated September 23, 2008. It was a detailed cost estimate for the expanded Class III landfill. The total closing cost was estimated to be \$7,632,040. And the total 30-year long-term care cost was estimated to be \$2,675,821. The Department approved this cost estimate on October 17, 2008 (DEP letter OCD-SW-08-0538), replacing the inflation adjusted cost estimate dated August 22, 2008.

Do you want the Department to evaluate the Financial Assurance Cost Estimate in Attachment S-1, dated June 23, 2009? Or, do you want to submit a statement saying the cost estimate for the permit renewal application is the September 23, 2008 estimate, approved by the Department on October 17, 2008 (DEP letter OCD-SW-08-0538)?



If you want the Department to evaluate the Financial Assurance Cost Estimate in Attachment S-1, dated June 23, 2009, then you must provide a basis for the calculations and justification for the unit cost used in preparing the June 23, 2009 estimates. (This comment is similar to the one we sent in RAI No.1 for the permit application SC64-0078767-024.)

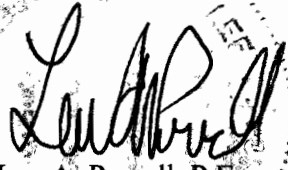
Response: Section S-1 has been revised to state that the cost estimate for the permit renewal is the September 23, 2008, estimate, approved by the Department on October 17, 2008. Enclosed is a revised Section S-1. Page 5 of 40 of the permit application form has been revised to reflect the previously approved closure cost. Enclosed is a copy of the revised Page 5 of 40.

- The Department used GIS to plot the latitude and longitude for wells B5, B65, and B37-1 from the Sliger & Associates, Inc. survey table (dated 9/13/07 and submitted 12/07). The locations appear to be hundreds of feet off from the locations shown on the aerial submitted as Drawing 2 of 8 for the Class III renewal application. (See Figures A and B). Please clarify.**


Response: SCS revised Sheet 2 of 8 to show the monitoring wells as reported by Sliger and Associates in their survey dated May 19, 2009. Enclosed are four sets of revised Sheet 2 of 8.

Attached are four copies of our response as requested. Please do not hesitate to contact us if you need anything further.

Sincerely,



Lee A. Powell, P.E.
Project Manager



C. Ed. Hilton, Jr., P.E.
Vice President
SCS ENGINEERS

LAP/RJL:klr

Attachments

cc M. HEIDORN, P.G.
G. DEPRADINE
S. JANWADKAR

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REVISED SECTION 5

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SECTION 5

FINANCIAL RESPONSIBILITY REQUIREMENTS

S.1 CLOSURE COST ESTIMATE

Estimates of the probable cost of closure and long term care were ~~presented in Section S~~ submitted to the FDEP on September 26, 2008 in response to RAI No. 1 in connection with ~~in~~ the County's July 11, 2008 application to construct an expansion to the Class III cell. This cost estimate was approved by the FDEP on ~~January 21, 2009~~ October 17, 2008, ~~when the FDEP issued a permit to construct the expansion to the Class III cell.~~ A copy of this estimate is included in Attachment S-1.

The County intends to complete the required closure activities as portions of the facility reach final grade. At the time of closure, required activities would include a small area of final cover, the final survey, and certification of closure construction. If the site were to be closed prior to reaching final grade, additional grading and soil cover would be required. Attachment S-1 presents the estimate of probable closure cost based on an outside contractor being brought in to complete the required closure. The estimate assumes that sufficient cover soil and topsoil is available on-site, and that the County will have this material stockpiled for use by the closure contractor.

S.2 ANNUAL COST ADJUSTMENTS

The County updates the Closure and Long-term Care Cost Estimates as required by Rule 62-701.630(4), F.A.C., and certified copies are submitted to FDEP on an annual basis for review and approval in accordance with regulatory requirements.

S.3 PROOF OF FINANCIAL RESPONSIBILITY FUNDING MECHANISMS

A description of the County's proof of financial responsibility is included in Attachment S-1.

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APPLICATION FORM
REVISED PAGE 5 OF 40

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8. Applicant name (operating authority): Volusia County Solid Waste Division
Mailing address: 3151 East SR 44 DeLand FL 32724
Street or P.O. Box City State Zip
Contact person: Leonard Marion Telephone: (386) 943-7889
Title: Director of Solid Waste
lmarion@co.volusia.fl.us
E-Mail address (if available)

9. Authorized agent/Consultant: SCS Engineers
Mailing address: 501 N. Grandview Ave., Ste. 400 Daytona Beach, FL 32118
Street or P.O. Box City State Zip
Contact person: Lee A. Powell, P.E. Telephone: (386) 238-7770
Title: Project Manager
lpowell@scsengineers.com
E-Mail address (if available)

10. Landowner (if different than applicant): _____
Mailing address: Same
Street or P.O. Box City State Zip
Contact person: _____ Telephone: () _____
E-Mail address (if available)

11. Cities, towns and areas to be served: Volusia and Flagler Counties

12. Population to be served:
Current: 614,893 Five-Year Projection: 678,248

13. Date site will be ready to be inspected for completion: Currently operating

14. Expected life of the facility: 18 years

15. Estimated costs:
Total Construction: \$ N/A Closing Costs: \$ 7.6 million

16. Anticipated construction starting and completion dates:
From: _____ To: Currently operating

17. Expected volume or weight of waste to be received:
 yds³/day 700 tons/day gallons/day

ATTACHMENT F-1

~~PROJECT DRAWINGS~~
~~(Bound Separately)~~
REVISED SHEET 2 OF 8

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