

Morgan, Steve

From: Morgan, Steve
Sent: Wednesday, August 31, 2016 3:21 PM
To: John Arnold
Cc: John Locklear; Lisa Baker; Solid Waste Financial Coordinator (Shared Mailbox); Dilmore, Cory; Zhang-Torres; Morris, John R.
Subject: Enterprise Class III LF Lateral Expansion 177982-023-SC-T3 & 177982-024-SO-T3 RAI #2
Attachments: 177982-023-SC-T3 & 177982-024-SO-T3 RAI 2.pdf

Mr. Arnold:

Attached is a PDF copy of the Department's August 31, 2016 Request for Additional Information #2 for the above referenced project.

Please feel free to e-mail or call me if you have any further questions.

Steven G. Morgan, Air & Solid Waste Permitting Manager
Permitting & Waste Cleanup Program
Florida Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

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Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida. In keeping with these objectives, we are pleased to announce ongoing improvements to our permitting process by standardizing and simplifying our documents. During the fall of this year, the Department will begin issuing permitting correspondence formatted consistently throughout all programs. Although the document formatting will look different from past correspondence, please be assured that the content continues to be driven by applicable Rule and Statute. As always, if you have any questions, please contact your local DEP District office.



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

REQUEST FOR ADDITIONAL INFORMATION

August 31, 2016

John Arnold, Director of Engineering & Facilities
Angelo's Recycled Materials, LTD
855 28th Street South
St. Petersburg, Florida 33712
john.phillip.arnold@gmail.com

Re: Second Request for Additional Information (RAI)
Pasco County – Solid Waste
Facility Name: Enterprise Road Class III Recycling and Disposal Facility
Site ID: 87895
DEP Application No.: 177982-023-SC/T3 and 177982-024-SO/T3

Dear Mr. Arnold:

Thank you for the additional information submitted on July 31, 2016 and August 3, 2016, for DEP Application No. 177982-023-SC/T3 and 177982-024-SO/T3 for substantial construction and operation modification permits for the above referenced Facility. The additional information has been reviewed and the items listed below remain incomplete. Pursuant to the provisions of Rule 62-4.055, F.A.C., please provide the information listed below and refer to this correspondence in your response. The response to this correspondence must be signed, sealed, and dated by a registered Florida Professional Engineer.

In order for the Department to continue processing your application, please submit the requested information as soon as possible. The Department must receive a response within 60 days of the date of this letter, October 30, 2016, unless a written request for additional time to provide the requested information is submitted and approved. Pursuant to Rule 62-4.055(1), F.A.C. and Section 120.60, F.S., failure of an applicant to provide the timely requested information by the applicable deadline may result in denial of the application.

Please submit the response in electronic format to steve.morgan@dep.state.fl.us. If the file is very large, you may post it to a folder on this office's ftp site at: <ftp://ftp.dep.state.fl.us/pub/incoming/DWM/Angelos%20Enterprise/>. After posting the document, send an e-mail to steve.morgan@dep.state.fl.us alerting us that it has been posted.

Angelo's Recycled Materials, LTD

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August 31, 2016

In order to ensure the next submittal will be as complete as possible, the Department requests that a meeting be scheduled prior to submitting a response in order to discuss the draft submittal. Once you have a draft submittal, contact Steve Morgan to schedule a meeting time and date. If you have any questions, please contact Steve Morgan by telephone at 813-470-5754 or by e-mail at steve.morgan@dep.state.fl.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Pamala Vazquez", with a long horizontal flourish extending to the right.

Pamala Vazquez
Program Administrator
Permitting and Waste Cleanup
Southwest District

cc:

John Locklear, P.G., Locklear & Associates, LLC, john@locklearconsulting.com

Lisa Baker, P.E., Locklear & Associates, LLC, lisa@locklearconsulting.com

Solid.Waste.Financial.Coordinator@dep.state.fl.us

Cory Dilmore, P.E., FDEP Tallahassee, Cory.Dilmore@dep.state.fl.us

Cindy Zhang-Torres, P.E., FDEP Tampa, Cindy.Zhang-Torres@dep.state.fl.us

John Morris, P.G., FDEP Tampa, John.R.Morris@dep.state.fl.us

Attached: List of Requested Information
Notice of Application

Attachment 1: List of Requested Information

Angelo's Recycled Materials, LTD
Facility Name: Enterprise Road Class III Recycling and Disposal Facility
Site ID: 87895
DEP Application No.: 177982-023-SC/T3 and 177982-024-SO/T3

SECTION 2 - APPLICATION FORM #62-701.900(1), [Rule 62-701.320 (7), F.A.C.]:

1. **Part D.13.:** Please publish the attached Notice of Application and provide proof of publication to the Department.

SECTION 3 - ENGINEERING REPORT, Rule 62-701.320(7)(d), F.A.C.

2. In many cases, the narrative in the engineering report is also utilized in the operation plan. The operation plan narrative should be revised where appropriate to address comments regarding the engineering report.

3. **§3.10.1.2:** This section was revised to refer to new Table 3.10.1.2 that provided the elevations of the top and bottom of the perforated section of replacement gas probes GP-6R, GP-7R and GP-8R. Please submit revisions to Table 3.10.1.2 to also provide construction details for proposed replacement gas probes GP-11R and GP-14R. Please also provide a site map (no larger than 11 x 17 inches) that shows the existing and proposed gas probes and identification numbers for use as a permit attachment.

4. **§3.10.2.:**

a. Please provide documentation that they facility has received an Industrial Wastewater permit to direct leachate into Pond 3.

b. Please revise Drawing C0.04 of the plan set to identify where the 6-foot will be located and an appropriate plan sheet to provide a cross-section detail of the berm. Please note that the berm will need to be located within Cell 6 in order for the leachate to flow through the permeable side berm into Pond 3.

Appendix 3-A - Operations Plan (Rule 62-701.500(9), F.A.C.):

5. **§5.8:** Although a copy of the facility's SSOP registration was provided in Attachment 7 of the Operation Plan, this section does not appear to have been revised to reference the SSOP registration as indicated in your response. Please verify and revise the section, as appropriate.

SECTION 4 – 2016 PLAN SET (Rule 62-701.320(7)(f), F.A.C.)

6. **Drawing C0.03:** Drawing C1.10 includes the detail titled “Proposed North Berm Detail Cell 16” that shows the 3-foot thick compacted clay layer extending beyond the limits of Cell 16 to the bank of Pond 3. Based on the locations of existing wells MW-4/MW-4B and MW-6/MW-6B as shown on Figure 1 of the Groundwater Monitoring Plan (Section 5 of the application), it appears these wells are located in the area where the clay layer extends beyond the disposal limits of Cell 16. Please submit revisions to the appropriate section of the Engineering Report to describe how the 3-foot thick compacted clay layer will be installed around these existing wells.

SECTION 5 – GROUNDWATER MONITORING PLAN (Rule 62-701.510, F.A.C.)

7. **§1.:** This section refers to the ground water monitoring network described in Table 1 and Figure 1. Please submit revisions to address the following:

a. **Table 1:** New Figure 4 indicates there is a lateral distance of 11 feet between existing wells MW-4/MW-4B and the edge of Pond 3 in the downgradient direction; new Figure 4 indicates there is a lateral distance of 25 feet between existing wells MW-6/MW-6B and the edge of Pond 3 in the downgradient direction. Based on this information there is sufficient space in the downgradient direction to install compliance wells, if needed, and the current designation as detection wells is appropriate. As Figure 4 indicates replacement wells MW-5AR/MW-5BR will be installed within 1 foot of the edge of Pond 3, it is appropriate to designate them as compliance wells. Please submit revisions to Table 1 to designate replacement wells MW-5AR/MW-5BR as compliance wells.

8. **§1.d.:** The revisions to this section, to Figure 2 (Proposed Surficial Aquifer Monitor Well Detail), and to Figure 3 (Proposed Floridan Aquifer Monitor Well Detail) that base the construction details for future monitor wells on the lithology and water levels reported for existing adjacent wells are noted. Please also review the lithology reported for boring logs previously completed at locations in proximity to the future monitor wells as presented in the document titled “Construction and Operation Permit Application, Sid Larkin & Sons, Inc., Enterprise Class III Landfill,” prepared by Hartman and Associates, Inc. This document can be accessed in OCULUS at the following link:

[http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&\[guid=8.209703.1\]&\[profile=Permitting_Authorization\]](http://depedms.dep.state.fl.us:80/Oculus/servlet/shell?command=getEntity&[guid=8.209703.1]&[profile=Permitting_Authorization])

MW-18A/MW-18B is characterized by borings DCL01-2 and DCL01-3; MW-19A/MW-19B is characterized by boring B-17; MW-20A/MW-20B is characterized by B-12 and DCL01-5. Figures 4, 5, 6, 6.1 and 6.2 presented in Section 5 of this document should be reviewed.

The proposed surficial aquifer wells should be constructed so the screened interval brackets the water table surface. Additionally, all permeable zones of the unconsolidated sediments above the confining unit need to be investigated to determine whether a surficial aquifer is present at the proposed well locations. Furthermore, all due care needs to be taken so the screened interval and sand pack are not installed across the confining unit. For example, the construction for proposed well MW-5AR places the bottom of the well screen (59 ft. NGVD) one foot below the anticipated top of the limestone sediments (60 ft. NGVD). This configuration appears to provide a hydraulic connection across the confining unit.

The proposed Floridan aquifer wells should be constructed so the screened interval is set near the top of the water-bearing limestone sediments below the confining unit. For example, the construction for proposed well MW-18B places the top of the well screen (65 ft. NGVD) one foot below the low ground water elevation reported for existing well MW-15B (water elevations have ranged from 66.1 to 74.76 ft. NGVD during sampling events conducted between March 2012 and February 2016). This configuration does not appear to provide a conservative monitoring point at the top of the Floridan aquifer.

Please review the construction details for the proposed wells listed in Figures 2 and 3 and submit revisions as appropriate. As previously indicated, please submit revisions to this section to indicate that the ground surface elevation shall be established at each proposed monitor well location prior to the initiation of well installation.

SECTION 7 – CLOSURE AND RECLAMATION PLAN (Rule 62-701.600, F.A.C.)

9. Appendix 7-A

- a. The closure and long-term care estimates provided in Appendix 7-A (total for closing \$3,340,321.98 and long-term care \$92,812.28/year x 30 years = \$2,784,368.40) are approved. The approved cost estimates are for closing and long-term care of 22 acres (Cells 1-7, 15, & 16).
- b. Long-Term Care – Groundwater Monitoring: The Department agrees that the maximum number of monitoring wells to be sampled under long-term care monitoring is 26. Based on this assumption, which differs from the 16 wells assumed in the currently approved cost estimate for closure and long-term care of Cells 1-7 and 15, revised cost estimates for Cells 1-7 and 15 shall be submitted to and approved by the Department and proof of adequate funding submitted to the Department prior to operation in Cell 7. This comment is provided for informational purposes only and does not require a response other than acknowledgement of the comment.

APPENDIX G - OPERATIONS PLAN (Rule 62-701.500(9), F.A.C.):

10. **§5.8:** Although a copy of the facility's SSOP registration was provided in Attachment 7 of the Operation Plan, this section does not appear to have been revised to reference the SSOP registration as indicated in your response. Please verify and revise the section, as appropriate.

Attachment 2: Notice of Application

62-110.106(5). Notices: General Requirements.

Each person who files an application for a Department permit or other notice as may publish or be required to publish a notice of application or other notice as set forth below in this section. Except as specifically provided otherwise in this paragraph, each person publishing such a notice under this section shall do so at his own expense in the legal advertisements section a newspaper of general circulation (i.e., one that meets the requirements of sections 50.011 and 50.031 of the Florida Statutes) in the county or counties in which the activity will take place or the effects of the Department's proposed action will occur, and shall provide proof of the publication to the Department within seven days of the publication.

62-110.106(6). If required, the notice shall be published by the applicant one time only within fourteen days after a complete application is filed and shall contain the name of the applicant, a brief description of the project and its location, the location of the application file, and the times when it is available for public inspection. The notice shall be prepared by the Department and shall comply with the following format:

**State of Florida
Department of Environmental Protection
Notice of Application**

The Department announces receipt of applications for construction and operation permit modifications from Angelo's Aggregate Materials, Ltd. for lateral expansion of a Class III landfill, subject to Department rules, at the Enterprise Class III Recycling and Disposal Facility, located at 41111 Enterprise Road, Dade City, Pasco County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.