



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**
CENTRAL DISTRICT
3319 MAGUIRE BOULEVARD, SUITE 232
ORLANDO, FLORIDA 32803-3767

RICK SCOTT
GOVERNOR

JENNIFER CARROLL
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

March 01, 2013

E-Mail
Aws97@aol.com

Mr. Gerald Lourenco
Friends Recycling, LLC
2350 NW 27th Avenue
Ocala, Florida 34475

OCD-SW-13-0038

Marion County – SW WACS # 21012
Friends Recycling – C&D Disposal and Recycling
First Request for Additional Information
Permit Application No. 0019600-008-SO-24

Dear Mr. Lourenco:

Juan C. Guerra, P.E., submitted on your behalf, "Comprehensive Engineer's Report for Permit Renewal of C&D Debris Disposal Facility Operated by Friends Recycling, L.L.C." It was dated January 28, 2013 and received January 31, 2013. We have assigned Permit No. 0019600-008-SO-24 to the application.

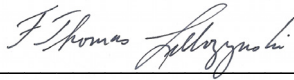
The renewal application was timely filed as defined in Rule 62-4.090, F.A.C. The existing permit (SO42-0019600-007) shall remain in effect until this renewal application has received final action by the Department.

The application is incomplete. Please provide the information listed on the attached sheet promptly. Evaluation of your application will be delayed until all the requested information has been received. To ensure all information will be submitted, the Department recommends scheduling a meeting to discuss your response after you have it drafted.

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. Accordingly, please provide the additional information or schedule a meeting to discuss your draft response within 30 days of the date you receive this letter. Submit three copies (or, preferably, one hard copy and an electronic copy) of the requested information to the Department and reference the above permit application number in your correspondence.

If you have any questions, please contact Kim Rush at (407) 897-4314 or by e-mail at kim.rush@dep.state.fl.us.

Sincerely,



F. Thomas Lubozynski, P.E.
Waste & Air Resource Programs Administrator

FTL/kr

Enclosures:

1. Additional Information Requested
2. "Guidance for the Management and Disposal of CCA-Treated Wood"
3. Department's December 29, 2008 letter, "Response to letter "Friends Recycling," dated November 13, 2008, OCD-SW-08-0628

cc:

FDEP Solid Waste Financial Coordinator, solid.waste.financial.coordinator@dep.state.fl.us
Juan C. Guerra, P.E. – Guerra Development Corp., guerracorp@att.net

Additional Information Requested:

Note that all references to “Report” in the following text refer to the document entitled, “Comprehensive Engineer’s Report for Permit Renewal of C&D Debris Disposal Facility Operated by Friends Recycling, L.L.C.,” prepared by: Juan C. Guerra, P.E., dated January 28, 2013.

1. In the Comprehensive Engineer’s Report, page 2, section 1.4.3 states “The owners of the facility would like to continue operations and as required by permit conditions, are applying for a 10 year permit renewal.” The facility does qualify for a 10 year operations permit. A fee of \$2,000 was paid at the time of submittal of this application; therefore, the 10 year permit is paid in full.
2. In the Comprehensive Engineer’s Report, page 6, section 2.4.4.3 states “Friends Recycling, LLC shall apply for a construction permit to prepare Cells #1B, #2B and #2C to receive waste.”
 - a. Please note that Sub-cells #1B, #2B and #2C may only receive clean debris. This is restriction is because of potable well setback requirements. The restriction is properly described in the table on page 6 and on Drawing Sheet 5 of 7.
 - b. When the Department approved Cells 1 and 2 not much information was required for construction details of an unlined C&D disposal facility. Now, more detail is necessary to ensure the waste area is properly prepared before authorization to receive waste is given. The following sub-cells have not yet been approved for disposal of C&D waste: #1B, #2B, #2C and the remainder of sub-cell 2A. The design (that is, bottom elevations) of those areas does need to be documented.
 - i. Drawing Sheet 5 of 7 has a note that states, “Prior to receiving waste, cell 2 (or portions thereof) shall be graded so that the lowest bottom elevation is 64.00.”
 - (1) A bottom elevation not lower than 64-feet is approved for #2B and the remainder of sub-cell 2A.
 - (2) Will the bottom of Sub-cell 2C be excavated to 64-feet? Or, will the clean debris be deposited on the existing topography as depicted in the drawing “Topographic Survey,” from Rogers Engineering, Inc., dated 12-21-2012? If you intend that the bottom of sub-cell 2C be lower than the elevations shown on the topographic survey, then provide a drawing that shows the design of sub-cell 2C.
 - ii. Where is the bottom elevation of Sub-cell 1B described? Will the clean debris be deposited on the existing topography as depicted in the drawing “Topographic Survey,” from Rogers Engineering, Inc., dated 12-21-2012? If you intend that the bottom of sub-cell 1B be lower than the elevations shown on the topographic survey, then provide a drawing that shows the design of sub-cell 1B.
3. In the Report, Operation Plan section 4.2.3.4, please add how CCA treated wood will be identified when spotting loads of waste. Attached is “Guidance for the Management and Disposal of CCA-Treated Wood.” It could be referenced in the Operations Plan. The Operator can use this document to explain to workers methods to help identify and handle suspect material.

4. In the Report, Operation Plan section 4.2.1.2 does prohibit hazardous waste from being disposed at the facility. However, that section does not describe the actions that must be taken if hazardous waste is received. Add a section to the Operation Plan to specifically address regulated hazardous wastes. The section should clearly meet the requirement of Rule 62-701.730(7)(j), F.A.C. and should address the following actions upon discovery of a regulated hazardous waste:
 - a. Notify the Department,
 - b. Notify the person responsible for shipping the wastes (when possible),
 - c. Notify the generator of the wastes (when possible),
 - d. Cordon off the area where the wastes are deposited,
 - e. State that the facility will assure the cleanup, transportation and disposal of the waste at a permitted hazardous waste management facility.
5. In the Report, Section 5, Odor Management Plan:
 - a. Section 5.5.1, Phase One of the Odor Remediation Plan states “Actions listed on this plan shall be implemented no later than two (2) weeks after receipt of a permit renewal for Friends Recycling, LLC by FDEP.” The Department acknowledges this intent and will incorporate the implementation of Phase One of the Odor Remediation Plan as a Specific Condition in the permit renewal.
 - b. Section 5.5.2.3 states, “The practice of mulching vegetative waste, storing and using the mulch as partial cover, shall be stopped. Mulch in the premises shall be handled as described above.” Currently there is vegetative waste stockpiled at the facility. When Phase One is implemented (“Actions listed on this plan shall be implemented no later than two (2) weeks after receipt of a permit renewal for Friends Recycling, LLC by FDEP.”) all stockpiled vegetative waste will be processed within that two week period or removed from the facility. Is this correct?
 - c. Section 5.5.4, “Odor Complaint Management”
 - i. The terms “legitimate” and “illegitimate” complaint can give the wrong impression to others. It may be interpreted that a statement is being made about the person or quality of the complaint. Please use the following terms:
 - “verified complaint” instead of “legitimate complaint”
 - “complaint” (no qualifying adjective) or “anonymous complaint” instead of “illegitimate complaint.” Do not use the word “illegitimate” at all.
 - “ignored complaint” is allowed because it describes your action regarding the complaint, not a quality of the complaint.
 - d. Section 5.5, Phase One of the Odor Management Plan, has recordkeeping requirements but no reporting requirements. Reporting is necessary. It would be based upon the records kept at the facility. The Department recommends the following be added as Section 5.5.5, “Reporting”:
 - i. The landfill operator will prepare a quarterly report detailing the Phase One Odor Management Plan actions. The report will be submitted for each calendar quarter, not later than the 15th day of the following month (that is, April 15, July 15, October 15, and January 15). The report can be submitted electronically to DEP_CD@dep.state.fl.us. The report will include the following:

- A summary of odor complaints received by landfill personnel including date, time, and location of the complainant (if applicable);
 - A summary of actions taken to confirm the odor complaint (if applicable);
 - A summary of actions taken to mitigate the odor complaint (if applicable);
 - Copies of correspondence sent by the landfill operator to the complainant, addressing their concerns and actions taken by landfill personnel to mitigate the source of odor (if applicable).
- e. Section 5.6, Phase Two of the Odor Management Plan:
- i. The Department does agree that Phase Two actions will be implemented incrementally.
 - ii. Section 5.6.1.2 indicates that Phase Two of the Plan will be implemented only under certain conditions and not before 24-months after implementation of Phase One. These conditions are not acceptable.
 - iii. If Phase One does not resolve the odor complaints, Phase Two must be implemented within 30 days of notification by the Department. At that time we will work out a timeline for installation of stormwater controls, installation of passive landfill gas vents, and / or other actions. The timeline may include additional time to perform necessary engineering studies to ensure the actions will be successful.
 - iv. Unless you have comments to the contrary, the Department will incorporate these requirements for the implementation of Phase Two of the Odor Management Plan as a Specific Condition in the permit renewal.
- f. Section 5.6.4 is titled “Reporting and Monitoring.” It should be titled “Landfill Gas Vents.”
- g. The Department recommends the following be added as Section 5.6.5, “Reporting:
- i. The landfill operator will prepare a monthly report detailing the Phase Two Odor Management Plan actions. The report will be submitted for each month, not later than the 15th day of the month following the reporting month. The report can be submitted electronically to DEP_CD@dep.state.fl.us. The report will include the following:
 - A summary of odor complaints received by landfill personnel including date, time, and location of the complainant (if applicable);
 - A summary of actions taken to confirm the odor complaint (if applicable);
 - A summary of actions taken to mitigate the odor complaint (if applicable);
 - Copies of correspondence sent by the landfill operator to the complainant, addressing their concerns and actions taken by landfill personnel to mitigate the source of odor (if applicable).
 - A description of Phase Two actions taken during the previous month and an assessment whether they were effective
 - A description of Phase Two actions that are planned for the next three months.
- h. Please revise Section 5 to address the above comments.
6. In the Report, Attachment 8 contains the submitted drawings. The following are comments regarding Attachment 8, Sheet 2 of 7.
- a. Specific conditions 16 and 17 of Permit SO42-0019600-007 originally required the removal of waste from sub-cells 1B, 2B, and 2C. In the Department’s December 29,

2008 letter (Enclosure 3) we said we were willing to modify both specific conditions. However, we cannot find a reply from Friends Recycling, Inc or its engineer about the proposed changes. The proposed modifications were:

- Specific Condition 16: Sub-cells 1B and 2C: Existing C&D debris shall be removed from sub-cells 1B and 2C and disposed into sub-cell 1A within a 90-day time period after notification from the Department – Sheet No. 2 of 6 (Reference No. 13 – Appendix A). The Department’s decision regarding the need for removal of the waste will depend upon the ground water quality results for MW#7.
 - Specific Condition 17: Sub-cell 2B: Existing C&D waste within sub-cell 2B shall be removed within 9 months after notification from Department or by July 30, 2010, if the potable water wells are not replaced by the city water supply. If it appears that the C&D waste removal will not be completed on time, the permittee must provide the Department advance written notice of the cause and delay, and request an extension for completion of the project – Sheet 2 of 6 (Reference No. 13 –Appendix A).
- i. The Department has not yet notified Friends that based on water quality results for MW#7 the waste in sub-cells 1B and 2C must be removed.
 - ii. The letter requested information about the timeline to switch residences from well to public utility provided water. Although we remember being told that the water main was installed, we cannot find documentation in our files that proves it was. Also, we do not have any documentation that proves all of the potable wells are no longer being used.
 - iii. Are any of the potable wells to the west of the facility still being used, even though a public water supply is available? If yes, identify which wells. Use the well numbering shown on Sheet 6 of 6, “Wells Map,” signed/sealed 1/25/2008 that was submitted in the permit application SO42-0019600-007.
 - iv. As part of your response to this request for additional information, please address the questions raised in the Department’s December 29, 2008 letter and the comments above.
- b. Notes 2, 3 and the note in the middle of Cell #1 refer to “clean waste.” The Department does not recognize the term “clean waste.” Throughout the Report, this fill area is referred to as receiving “clean debris.” It is the Department’s understanding that these notes should read “clean debris.” If you agree, when you revise this drawing ensure the words are changed to “clean debris.” If not, please clarify what is meant by “clean waste.”
 - c. There are multiple dashed and solid lines on the drawing. Provide a legend for the different lines.
 - d. A dashed line inside of the thick solid line is labeled “current waste footprint (typ).” This implies that waste has been approved and disposed in this area. This line also encompasses areas only approved for clean debris disposal, not waste. Waste has only been approved for disposal in the Sub-cell 1A and a portion of Sub-cell 2A. (A 1.36-acre area was approved on August 17, 2011. A 2.77-acre area was approved on March 3, 2009. Those two areas are properly depicted on Drawing Sheet 5 as Sub-cell 2A, “Active Excavation and Fill Area.” A triangular area of Sub-cell 2A that had already been

- cleared and already contained waste was approved to receive more waste on October 24, 2008.)
- i. Was the waste removed from sub-cells 1B, 2B, and 2C? If yes, please provide the date of the documents submitted to the Department that the waste was removed. If waste was not removed, please explain the current situation. (See Item 6.a above.)
 - ii. Explain the difference between the dashed line (current waste footprint) and the thick solid line (cell boundary).
 - iii. Depict all areas on the drawing where waste has been disposed.
 - iv. Depict all areas on the drawing where clean debris has been disposed.
 - v. Depict all areas where waste has not yet been deposited.
 - e. Note 4 states "Cell Corner markers shall be installed prior to sub-cell receiving waste." The drawing should have different symbols for "installed" and "to be installed" corner markers.
 - f. Provide a revised drawing that addresses the above comments.
7. The following are comments regarding Attachment 8, Sheet 5.
- a. This drawing has the same issues as described in Item 6.b thru 6.e above.
 - b. As shown on Sheet 5, not all of sub-cell 2A has been approved to receive waste. There is a section between an approved area and the boundary with sub-cell 2B that has not yet been approved. Do you agree?
 - c. A note in Sub-cell # 2B states "Prior to receiving waste, Cell 2 (or portions thereof) shall be graded so that the lowest bottom elevation is 64.00. Existing mounds of C&D debris may remain at elevations higher than 64.00." Is C&D waste still located in sub-cell 2B? Drawing Sheet 2 of 7 indicates it is. (See Item 6.a above.)
 - d. A note pointing to Sub-cells # 1B and 2C states "Relocate normal C&D waste from sub-cells 1B & 2C into authorized cell. Only clean waste allowed in sub-cells 1B & 2C."
 - i. Is C&D waste still located in sub-cells 1B and 2C? Drawing Sheet 2 of 7 indicates it is. (See Item 6.a above.)
 - ii. Change "clean waste" to "clean debris."
 - e. Provide a revised drawing that addresses the above comments.
8. The following are comments regarding Attachment 4, Cost Estimate for Closure and Long-Term Care:
- a. Provide supporting calculations for:
 - i. Unit calculations (quantity calculations) for top soil cover and vegetative layer
 - ii. Waste relocation cost (how much waste is assumed in this amount and at what disposal/hauling cost)
 - iii. Stormwater control systems (based upon the closure design)
 - b. Provide third party quotes for the following closing costs:
 - i. Top soil cover (purchase, delivery and spreading)
 - ii. Vegetative layer (sodding and / or hydroseeding)
9. On page 4 of the submittal dated October 10, 2007 the facility noted that the operator would be directed to provide "Not for Drinking" or similar signs at each point where water can be accessed from well #19. The Department's response (dated November 9, 2007) noted that

because you control the use of the water from Well #19, you can ensure it is not used for potable water; therefore, the 500 foot setback requirement does not apply.

In Section 2.5.1.2 of the current submittal, states, "...the operator is hereby required to label this well and all water outlets from this well as "Not For Drinking Water" or similar sign." Also, several of the maps including The Topographic Survey Sheet 2 of 2 note the well to be "Potable".

Currently the Department does not have reasonable assurance that the Well #19 has only been used for non-potable use. If inspections show that the signs have not been installed and maintained, the Department may require that Well #19 be added to the ground water monitoring plan and sampled semi-annually.