

# Department of Environmental Protection

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## PERMITTEE

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## PERMIT/CERTIFICATION

WACS ID No: SWD-41-44795  
Permit No: 39884-011-SF/01  
Date of Issue: 10/19/2006  
Expiration Date: 10/19/2011  
County: Manatee  
Lat/Long: 27°28'10"N  
82°26'35"W  
Sec/Town/Rge: 1/35S/18E  
31/34S/19E  
6&7/35S/19E  
Project: Lena Road Class I LF  
Stage I, Partial Closure #2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4, 62-302, 62-330, 62-522, 62-550, and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To **construct** a final cover system at a Class I landfill (approximately 58 acres), referred to as the **Lena Road Landfill (Stage I, Partial Closure #2)**, subject to the specific and general conditions attached, located at 3333 Lena Road, Bradenton, Fl. The specific conditions attached are for the **construction** of:

1. Final cover system
2. Active gas extraction system within (Stage I) lined landfill area

|  |   |
|--|---|
| Top elevation for this closure (including cover)                 | max. +135 feet NGVD [ref. SC#A.2.c., Sheet C-8]   |
| Sideslopes max.  | 5H:1V [ref. SC#A.2.c., Sheet C-9]   |
| Final cover system (bottom to top)<br>[Ref. SC#A.2.a, Part P.4.] | <b>Slopes flatter than 5H:1V -</b><br>6-inch thick subgrade, 40 mil smooth LLDPE geomembrane, 24-inch protective soil (max. $2 \times 10^{-4}$ cm/sec), Bahia sod.<br><br><b>Sideslopes (slopes steeper than 5H:1V)-</b><br>6-inch thick subgrade, 40 mil textured LLDPE geomembrane, double-sided geocomposite (triaxial, w/nonwoven GT on both sides), 24-inch protective soil (max. $2 \times 10^{-4}$ cm/sec), Bahia sod. |
| Gas extraction system  | Vertical wells ( HDPE SDR 11 w/ 5/8 inch perforations) [ref. SC#A.2.c., Sheet C-5], laterals (8-inch HDPE SDR 17 solid wall pipe) sloped min. 2% to drain to condensate knockouts [ref. SC#A.2.c., Sheet C-6]   |

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in **Attachment 1** that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

"More Protection, Less Process"

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

(a) Have access to and copy any records that must be kept under conditions of the permit;

(b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

(c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

**GENERAL CONDITIONS:**

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

**GENERAL CONDITIONS:**

14. The permittee shall comply with the following:

(a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

(b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

(c) Records of monitoring information shall include:

1. the date, exact place, and time of sampling or measurements;
2. the person responsible for performing the sampling or measurements;
3. the dates analyses were performed;
4. the person responsible for performing the analyses;
5. the analytical techniques or methods used;
6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

1. **Facility Designation.** This site shall be classified as a Class I landfill and shall be constructed, operated, closed, monitored and maintained in accordance with all applicable requirements of Chapters 62-4, 62-302, 62-330, 62-520, 62-522, 62-550, and 62-701, Florida Administrative Code (F.A.C.) and all applicable requirements of Department rules.
2. **Permit Application Documentation.** This permit is valid for **construction** of the Stage I, Partial Closure #2 and related systems (including final cover, stormwater drainage system and active gas extraction system), and long-term care, monitoring and maintenance of the closed portions of the Lena Road Class I landfill in accordance with Department rules and the reports, plans and other information prepared by Post, Buckley, Schuh & Jernigan (PBSJ) (unless otherwise specified) as follows:
  - a. Manatee County Solid Waste Management Facility, Lena Road Landfill, Application and Engineering Report for Renewal of Landfill Closure Permit,... (one 3-ring binder) dated May 24, 2005 (received May 25, 2005), as revised, replaced or amended (information inserted into original) dated September 9, 2005 (received September 14, 2005), March 22, 2006 (received April 7, 2006), and June 16, 2006 (received June 19, 2006). This information includes, but is not limited to:
    - 1) Construction Quality Assurance Plan for Installing and Testing Final Cover for Lena Road Stage I Landfill, Partial Closure #2,... [CQAP], (spiral bound document inserted into Part P, Appendix A);
    - 2) Lena Road Landfill Stage I - Partial Closure #2, Technical Specifications, [Specs.] (spiral bound document inserted into Part P, Appendix A);
    - 3) Long-Term Care Plan, Part P.8.;
  - b. Responses to Requests for Additional Information,... dated September 9, 2005 (received September 14, 2005), March 22, 2006 (received April 7, 2006), and June 16, 2006 (received June 19, 2006) inserted into original [ref.SC#A.2.a];
  - c. Plan Sheets titled, Construction Drawings for Lena Road Landfill Stage I Landfill, Partial Closure #2,... (14 Sheets) dated July 2005 (received April 7, 2006) including revised sheets (C-3, C-4, C-5, C-6, C-8, C-9, C-10, C-11, C-12, C-13) received June 19, 2006;
  - d. Manatee County Lena Road Landfill, Pending Permit No. 39884-011-SF/01, Closure, Stage I Landfill, Partial Closure #2, Calculation Book,... (spiral bound document) dated June 16, 2006 (received June 19, 2006), including Section 5 dated March 22, 2006 (received April 7, 2006).
3. **Permit Modifications.**
  - a. Any construction or operation not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Any significant changes to the construction or operation at the facility shall require a permit modification. Permits shall be modified in accordance with the requirements of Rule 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.3., cont'd)

- b. This permit does not authorize landfill operation. Construction, operation, or other activities not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate, or unless otherwise approved in writing by the Department.
  - c. This permit authorizes the construction of the Stage I, Partial Closure #2 final cover system and related active gas extraction system and other related appurtenances, only.
4. **Permit Renewal.** No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by Rule 62-701.320(10)(b), F.A.C.
  5. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
  6. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions." General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.
  7. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.
  8. **Regulations.** Chapter 62-701, F.A.C., effective May 27, 2001, is incorporated into this permit by reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.
  9. **Prohibitions.** The prohibitions of Rule 62-701.300, F.A.C., shall not be violated by the activities at this facility.
    - a. In the event that limestone is encountered during excavation or construction activities, the excavation/construction activities shall cease and the Department shall be notified **within 24 hours of discovery**. Written notification shall be submitted **within 7 days of discovery**. The written notification shall include the location, elevation, and extent of limestone noted on a plan sheet, a description of the materials encountered, and a plan of action which ensures that groundwater will not be adversely affected by the continued construction and operation of the facility. Excavation or construction activities shall not resume in the affected area until the Department-approved plan of action has been completed.

**SPECIFIC CONDITIONS: PART A -Solid Waste Facility General Requirements**

(Specific Condition #A.9., cont'd)

b. In the event that surface depressions or other occurrences which may be indicative of sinkhole activity or subsurface instability, are discovered on-site, or within 500 feet of the site, the Department shall be notified in accordance with Specific Condition #C.6.b. The written notification shall include a description of the incident, the location and size of the affected area shown on an appropriate plan sheet, and a corrective action plan which describes the actions necessary to prevent the unimpeded discharge of waste or leachate into ground or surface water.

c. Open burning of solid waste is prohibited except in accordance with Rule 62-701.300(3) and Chapter 62-256, F.A.C. All fires which require longer than one (1) hour to extinguish must be promptly reported to the Department in accordance with Specific Condition #C.6.b.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

1. **Construction.** All significant construction activities shall be approved by the Department prior to initiating work, unless specifically authorized otherwise.

a. This permit authorizes the construction of the Stage I, Partial Closure #2, including the final cover system and active gas extraction system in the partial closure area.

2. **Certification of Construction Completion.** All information required by this Specific Condition shall be signed and sealed by a registered professional engineer or land surveyor as appropriate.

a. **Within sixty (60) days** after the specified construction has been completed, the following activities shall be completed and submitted by the permittee for Department approval:

1) The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer in charge of construction and quality assurance to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

2) The owner or operator shall submit Record Drawings/Documents showing all changes (i.e. all additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Documents shall include as-built plans details and elevations (survey) as appropriate.

3) The owner or operator shall submit a narrative indicating all changes in plans, the cause of the deviations, and certification of the Record Drawings/Documents by the Engineer to the Department.

4) The professional engineer of record shall submit to the Department a final report to verify conformance with the plans and specifications in accordance with Rules 62-701.400(7) and (8), F.A.C.

3. **Record Drawings/Documents.**

a. The Record Drawings/Documents shall include, but not be limited to, the following information:

1) Location of all anchor trenches, i.e. limits of liner [Spec. 02776-5.01.B.2.],

2) As-built locations and details (elevations) of repairs to or penetrations through the slurry wall;

3) Daily construction reports;

4) As-built drawings showing the geomembrane panel installation layout, locations of fabricated and field seams, type of seams, destructive sampling locations, locations of all repairs, panel designations [CQAP 1.2.6.2.], geomembrane booting and connection details [Spec. 02776-5.01.A.2(c)];

5) All geomembrane destructive test results;



**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.3.a., cont'd)

- 6) A compact disc or other electronic media that includes all available photographs documenting all stages of the construction project [Spec. 01380-1.01.A., 1.05.A.];
- 7) Permeability testing of the protective soil materials and each slurry wall repair;
- 8) An operation and maintenance manual for the gas extraction system [Spec. 01730-1.03.2];
- 9) Internal friction angle testing of the protective cover soil [Spec. 02220-2.01.C.1.];
- 10) Gas well construction diagrams, including elevation at top of ground, total depth of well, static water level, temperature of spoils, depth, thickness and description of soil or waste strata and the occurrences of any water-bearing zones. [Spec. 02610-1.03.C.]

**4. Pre-Construction Submittals.**

a. **At least thirty (30) days prior** to initiation of any construction activity, unless otherwise specified, the permittee shall submit the following information to the Department:

- 1) A **complete set** of Plans, Specifications and CQA Plan to be used for construction which includes all changes (i.e., all additions, deletions, revisions to the plans previously approved by the Department). All changes shall be noted using strikethrough (~~strikethrough~~) for deletions, and shading (~~shading~~) or underline (underline) for additions. All changes in the plans, specifications and CQA Plan shall be accompanied by a narrative indicating the change. Significant changes in the plans, as determined by the Department, shall require a permit modification. All changes in the plans shall be noted on the plans and the cause of the deviation and a re-certification of the alternate design by the design engineer shall be provided. These alternate designs shall be approved by the Department prior to construction. If **no** changes have been made to the construction plans, Specifications or CQA Plan, the permittee shall notify the Department in writing that no changes have been made, and re-submittal of these documents will not be required prior to construction;

- 2) The role and name of the specific company/organization for each of the parties in the Project team [ref. CQAP, Tables 1-1 and 1-2];

b. **At least 30 days prior to initiation** of installation of the liner, the results of the interface friction testing using actual construction materials shall be submitted to the Department. The results must demonstrate that the all interfaces each exhibit a minimum safety factor of 1.5 against sliding. Placement of the geomembrane shall not proceed prior to the Engineer's receipt of the results of the interface friction testing which meet the requirements of this condition.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.4., cont'd)

c. **No later than 2 weeks** prior to construction of the following components of the project, the Department shall be notified of the initiation of construction of these components (for each phase of construction) to allow the Department to observe the construction of:

- 1) penetrations through the slurry wall;
- 2) seaming performed using a method other than double-fusion (wedge) or extrusion welding;

5. **Pre-Construction Meeting Notification.** Department Solid Waste Permitting staff shall be notified **at least one (1) week prior** to all pre-construction meetings. Prior to initiating construction activities, the permittee shall make arrangements for the Engineer of Record to meet on site and discuss all plan changes with Department Solid Waste Permitting Staff of the Southwest District Office. A copy of the minutes from the pre-construction conference shall be submitted to the Department within two (2) weeks of the conference.

6. **Construction Schedule and Progress Report.**

a. **No later than one (1) week after** the pre-construction conference, the owner or operator shall submit a construction schedule which includes estimated dates for each portion of the construction to the Department. The Engineer of Record or another qualified professional engineer shall make periodic inspections during construction to ensure that design integrity is maintained.

b. An updated construction schedule and progress report shall be submitted to the Department **monthly, by the 15<sup>th</sup> of each month.** [Spec. 01310-2.06.A] The monthly progress report should be submitted in an appropriately labeled three-ring binder of sufficient size to store the monthly progress reports for the entire project. The monthly progress reports shall include, but not be limited to:

- 1) A narrative explaining the status (and any delays) of major stages of the construction (i.e., liner, piping, liner penetrations, etc.),
- 2) A summary of submittals and change order requests,
- 3) Weekly progress meeting minutes [CQAP 1.3.1., 1.3.3.; Spec. 01200-1.03.A.] and
- 4) Color copies of photographs which are representative of the typical construction activities for the reporting period, and photographs which show overall views and details of major stages of construction (e.g., liner penetrations, lift station construction, etc.).

7. **Construction Tolerances.**

a. Gas collection pipe slopes shall be a minimum of 2%. Invert elevations of the gas collection pipes shall be recorded every 100 feet to demonstrate that the gas collection system has been constructed to the slopes and grades shown on the drawings. [Spec. 02221-3.02., 15051-3.01.C.] This information shall be included with the Record Documents.

b. The construction tolerance for elevations shall be  $\pm 0.10$  ft. [Spec. 02220-3.04.A.]

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.7., cont'd)

c. As-built topographic surveys shall demonstrate that the liner and protective soil cover were constructed within the tolerance required by the Drawings and Specifications.

d. All soil layer thicknesses are minimum requirements. [Spec. 01005-1.07.A., 02220-3.02.A.]

8. **Laboratory and Field Testing Requirements.** Field and laboratory testing during the construction activities shall be conducted by a qualified testing laboratory, independent of the manufacturer or installer, representing the owner. A qualified field technician representing the owner shall provide full time, on-site inspection during construction. The field technician shall work under the supervision of a professional engineer registered in the State of Florida with experience in landfill liner construction.

9. **Construction Quality Assurance.**

a. Liner systems shall have a construction quality assurance plan to provide personnel with adequate information to achieve continuous compliance with the construction requirements. The Construction Quality Assurance Plan shall be in accordance with Rules 62-701.400(7) and (8), F.A.C., the CQA Plan [ref. SC#A.2.a(1)], and the conditions of this permit. The professional engineer or his designee shall be on-site at all times during construction (including liner system and gas management system) to monitor construction activities.

b. A complete set of construction drawings and shop drawings, which include daily additions, deletions and revisions, shall be maintained on-site at all times for reference. Drawings which show the locations of geomembrane panel seams and repairs shall be kept on-site at all times for reference. Work shall not be concealed until required information is recorded.

c. All liquid encountered during construction inside the slurry wall is leachate and shall be managed appropriately [see Spec. 01030-1.09, 02221-1.02.B.]. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to the land, surface water or groundwater outside the slurry wall (liner system) at any time during the construction activities.

d. Unsatisfactory, defective or non-conforming work shall be reported to the Engineer and shall be corrected, or the reasons for not correcting the work shall be recorded and maintained on-site for reference and inspections. Documentation of the corrections or reasons for not correcting the work shall be submitted with the Record Documents required by Specific Conditions #B.2 and #B.3. All areas not meeting the requirements of the contract specifications and CQA Plan shall be reworked by the Contractor to meet the specifications, CQA Plan and requirements of this permit.

e. Construction activities such as geomembrane seaming, QA/QC testing of the geosynthetics or soil materials, surveying, etc. shall not be carried out in non-daylight hours without prior Department approval. [see Spec. 01005-1.08.C., 01310-1.02.B, 02776-1.03.A.2(b)] If these activities will be conducted during nighttime hours, the Department shall be notified **at least 1 week** in advance to allow for Department observation. This notification shall include a description of the methods which will be used to provide adequate illumination to ensure that the quality of the construction is not compromised.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.9., cont'd)

- f. Where sod is used over lined areas, pegging of sod shall not damage the liner. [Spec. 02276-3.01.A.3., 02485]
- g. All portions of the final cover system and gas management system construction, shall be observed and documented by the CQA Consultant [CQAP 1.2.7.].
- h. CQA daily reports shall include weather conditions (e.g., precipitation, temperature).
- i. Runoff from stockpiled soils shall not discharge to surface water bodies or wetlands such that Department surface water standards are violated at the point of discharge.
- j. All excavations shall be maintained free from standing water. Except for the stormwater management system construction, no construction, including pipe laying, shall be allowed in water. The surface shall be graded such that there is no ponding of water [CQAP 3.1.1.; Spec. 02221-1.02.B.].
- k. The CQAM shall receive and record the date Shop Drawings and samples are received and notify the Engineer [CQAP 1.2.7.4.a.]. The CQAM shall review the geosynthetics conformance test results [CQAP 1.2.7.5.]. In addition to the observations listed in CQAP 3.5.4., the CQAM shall also note all locations of geomembrane damage.
- l. Unless otherwise specified in this permit, the documents listed in CQAP 1.2.7.8. shall be maintained on-site and copies shall be provided to the Department upon request.
- m. The Department shall be notified in accordance with Specific Condition #C.6.b. of all fuel, oils, greases, solvents, lubricants, etc., that are spilled or leaked in areas that may discharge outside the slurry wall. The permittee shall ensure that all personnel working on the landfill site (including contractors and subcontractors) shall utilize all appropriate measures to prevent spills and leaks of fuel, solvents, lubricants, oils, etc. [see Spec. 01005-1.11.D]
- n. All waste exposed by excavations or other construction activity shall be covered or removed for disposal at the active working face daily. [see Spec. 01015-1.05; 02610-3.03.A.] All wastes generated during the construction shall be disposed of in the on-site, active Class I landfill. No solid waste shall be used for backfill. [Spec. 01150-1.07]
- o. Gas well drilling shall be in accordance with Specification Section 02610-3.01 and the conditions of this permit. In the event that the gas well installation indicates that the clay confining unit under the landfill may have been encountered during gas well installation, the gas well drilling **shall cease** in the affected area and the Department shall be notified in accordance with Specific Condition #C.6.b. The information required by Specification 02610-1.03.C. shall be provided with the written notification. Gas well installation shall not resume until specifically approved by the Department.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

**10. Soil Materials.**

- a. The liner subgrade shall be compacted to a minimum of 93% Standard Proctor maximum dry density. [CQAP Table 4-1; Spec. 02220-3.03.A.] Surfaces adjacent to geosynthetics shall be smooth and free of depressions, rocks/stones (greater than ½ inch dia.), sticks, roots, sharp objects, or debris of any kind.
- b. The protective cover soil shall have a maximum permeability of  $2 \times 10^{-4}$  cm/sec [Spec. 02220-2.01.C.] and shall be a minimum of 24-inches thick [Spec. 02220-3.02.A.]. A sufficient number of permeability tests shall be performed on the drainage sand material to demonstrate the required permeability. The internal friction angle of the protective cover soil shall be a minimum of 23 degrees [Spec. 02220-2.01.C.].
- c. The soil bedding surface shall be non-cohesive, non-plastic granular local silty sand, a minimum of 6-inches thick [CQAP 3.1.1.], and free of rocks (greater than ½ inch diameter) [CQAP 3.5.2., Spec. 02220-1.01.B.5., 02220-2.01.B.], debris, sharp objects, organic materials and other deleterious materials.
- d. Soil cover material shall be placed over the geocomposite such that the geocomposite is not damaged and no tensile stress is induced in the materials. [CQAP 3.3.2.]
- e. Earthwork shall be tested by the CQAM for the tests and frequencies specified in CQAP Table 4-1.
- f. The protective cover soil shall be a minimum of 24-inches thick and shall be free of rocks (greater than ½ inch diameter) [CQAP 4.3.1.], debris, sharp objects, organic materials and other deleterious materials.
- g. Repairs to the slurry wall shall be in accordance with Specification Section 01015-1.03. The Department shall be notified of repairs to the slurry wall in accordance with Specific Condition #B.4.c.
- h. Pipe bedding materials for pipes installed within the limits of the geomembrane shall not contain any angular stone [see Spec. 02221-2.01.C.].
- i. The aggregate used for the gas system installation shall be non-calcareous washed well graded granite. [Spec. 02610-2.01.A.]

**11. Geosynthetic Materials.**

- a. Conformance testing.
  - 1) The CQA Consultant or designee (independent from the Contractor) shall take conformance samples of the geosynthetics materials. CQA Conformance testing for the geosynthetic materials shall be in accordance with the following. In all cases, the test results shall meet or exceed the property values in the Specifications and CQA Plan.
    - a) Geomembrane - properties listed CQAP Table 2-1 (Spec. Table 02776-A), one sample per 100,000 sf of material [CQAP 2.1.1.; Spec. 02776-4.01.B.]
    - b) Geocomposite - properties listed in CQAP Table 2-2 (Spec. 02712-Table 3), one sample per 100,000 sf of material

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.11.; cont'd)

b. Seaming.

- 1) Seaming processes other than fusion or extrusion welding shall be approved by the Engineer and submitted to the Department prior to implementation. [see CQAP 4.2.2.]
- 2) Seaming apparatus or personnel which have failed trial welds shall not be used for seaming until passing welds are achieved. [see CQAP 4.2.4.3.3b]
- 3) Geomembrane seaming activities shall only be conducted during daylight hours and within the weather requirements of the Specifications, unless otherwise specifically approved by the Department. [see Spec. 02776-1.03.A.2(b), 02776-5.01.D.8(d)] Seaming shall only take place with the "master seamer" present. [CQAP 1.2.6.2., 3.4.8.] No geomembrane seaming shall be performed unless the CQA manager/inspector is on-site. [CQAP 3.5.6.; Spec. 02776-1.02.D.2(d)]
- 4) The full-time resident CQA inspector shall observe no more than two geosynthetics seaming crews at any given time. [CQAP 3.5.7.]
- 5) The procedure used to temporarily bond adjacent geomembrane panels together shall not damage the geomembrane. Solvent or adhesive shall not be used to bond geomembrane panels. [see CQAP 3.4.3.]
- 6) All seaming operations shall cease upon the presence of any precipitation (drizzle, sprinkle, fog, dew, etc.). [CQAP 3.4.6.; Spec. 02776-5.01.D.6(c)]
- 7) Seams shall be oriented parallel to the line of maximum slope, i.e., oriented along, not across the slope. [Spec. 02776-5.01.D.1.]

c. Destructive testing.

- 1) Destructive tests of the geomembrane seams shall be taken at random locations, at a minimum frequency of one test location per 500 feet of seam. This frequency shall not be based on an average throughout the entire facility. [CQAP Table 3-4, 4.2.3.1.; Spec. 02776-5.01.D.10(e)]
- 2) Geomembrane seams shall meet the requirements of Geomembrane Specifications, Table 02776-A, and in all cases destructive tests conducted on the geomembrane field seams shall demonstrate that the failure is outside of the seam area. All of the samples shall meet the requirements for each test method (peel and shear) listed in Geomembrane Specifications, Table 02776-A. The strength results shall not be averaged and both sides of fusion welds shall be tested. [Spec. 02776-5.01.D.10(f)]
- 3) Work shall not proceed with any materials which will cover locations which have been destructively tested or repaired until laboratory test results which demonstrate passing values are provided to the on-site CQA manager/inspector. [CQAP 4.2.3.1., 4.2.4.2.]
- 4) All areas that fail nondestructive testing shall be marked by the on-site CQA inspector.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.11.c., cont'd)

5) All welds shall be tested in shear and peel. Geomembrane seams shall not be tested by "hand" exclusively. [see CQAP 3.4.3., 4.2.3.2.; Spec. 02776-5.01.D.10(e)]

d. Transmissivity.

1) The transmissivity test results required by the Specifications shall be submitted to the Engineer for review before the proposed materials are approved for use on the project.

2) The transmissivity of the geocomposite shall be a minimum of  $4 \times 10^{-3} \text{ m}^2/\text{sec}$  based upon a gradient of 0.33% and a normal load of 240 psf. [CQAP Table 2-2] Transmissivity testing shall be conducted on the actual materials that will be used in the project.

e. Interface friction angles. The minimum interface friction angle for cover soil/geocomposite, geomembrane/geocomposite, and geomembrane/soil interfaces shall be **22 degrees**. Separate tests shall be conducted for smooth and textured geomembrane. [CQAP Table 2-1].

f. The construction methods used shall minimize wrinkles. Excessive wrinkles are wrinkles that fold over when stepped on or are 12 inches high [CQAP 4.2.4.5.; Spec. 02712-D.1.]. Excessive wrinkles shall be removed, and the areas repaired. Areas where wrinkles are removed shall be repaired and re-tested in accordance with the Specifications and CQA Plan.

g. The liner system shall not be damaged by excessive traffic.

h. The geocomposite drainage net (CDN) material and geotextile shall be handled (stored, placed, etc.) in a manner which prevents the infiltration of dirt and protects the CDN and geotextile from abrasion, punctures and excessive moisture. Geocomposite that is clogged by dirt shall be cleaned prior to placement. [CQAP 3.3.2.5.]

i. In areas where stakes are used, stakes shall not be of a type or used in a way that may damage the geomembrane.

j. Prior to placement of materials on the subgrade, an as-built topographic survey shall be provided to the Engineer to verify conformance with the Drawings and Specifications. The subgrade shall be accepted by the Liner Installer and Engineer in writing before placement of the next layer. [CQAP 1.2.6.2.]

k. During the construction of, and until the geomembrane are placed on the subgrade, the subgrade shall be inspected daily for signs of desiccation, excessive moisture, or other damage. In the event that the condition of the subgrade deteriorates, corrective actions shall be implemented immediately. Washouts or erosion of the geomembrane subgrade shall be repaired immediately. The CQAM shall observe the condition of the subgrade and note areas of inadequacy, erosion or other deterioration in the Daily Reports [see CQAP Table 3-3].

l. No geomembrane shall be placed in an area that has become softened by precipitation or desiccated and cracked due to lack of moisture. No standing water or excessive moisture shall be allowed on the area to be lined before the geomembrane installation.

**SPECIFIC CONDITIONS: PART B - Construction Requirements**

(Specific Condition #B.11., cont'd)

m. Temporary loading and/or anchoring devices (such as sand bags) shall be removed prior to placing the next layer (i.e., geocomposite or soil) over the geomembrane. [see CQAP 3.3.1.3. 3.3.2.2; Spec. 02776-5.01C.4.]

n. The geocomposite shall be adequately anchored at the top of the slope. [Spec. 02712-D.1.]

o. The geomembrane shall always be kept dry and protected from wind damage. [CQAP 3.4.6.] Sandbags or other temporary anchoring devices shall be removed prior to subsequent placement of materials over the geosynthetics. [Spec. 02712-D.1.]

p. The geomembrane materials shall not be accepted for use on the project until the results of the CQA conformance testing that indicate that the geomembrane meets the specifications have been received. [Spec. 02776-4.02.A.3.]



**SPECIFIC CONDITIONS: PART C - Operation Requirements**

**1. Facility Operation Requirements.**

a. The permittee shall operate the active portions of this facility in accordance with Chapter 62-701, F.A.C., and Operation Permit 39884-010-SO/01 (including modifications, if any), or its successors.

b. Leachate shall not be deposited, injected, dumped, spilled, leaked, or discharged in any manner to soils, surface water or groundwater outside the liner and leachate management systems at any time during the construction or operation of this facility.

c. The gas flare shall be kept in operation at all times during construction. [Spec. 01005-1.11.B.]

**2. Facility Personnel.** The owner or operator shall provide adequate personnel for constructing, operating, monitoring and maintaining the facility in an orderly, safe, and sanitary manner.

**3. Control of Access.** Access to, and use of, the facility shall be controlled as required by Rule 62-701.500(5), F.A.C.

**4. Monitoring of Waste.** Wastes shall be monitored as required by operation permit no. 39884-010-SO/01, or its successors.

**5. Control of Nuisance Conditions.** The owner or operator shall control odors, vectors (mosquitoes, other insects, rodents), and fugitive particulates (dust, smoke) arising from the construction and operation so as to protect the public health and welfare. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance.

**6. Facility Maintenance and Repair.**

a. The site shall be properly maintained including maintenance of access roads to disposal areas, equipment, stormwater and leachate management systems, cover systems and berms, gas monitoring and management systems, surface water monitoring system, and groundwater monitoring system. Erosion and ponded water in disposal areas shall be prevented.

b. In the event of damage to any portion of the landfill site facilities, unauthorized leachate discharges, failure of any portion of the landfill systems (including damaged or dry groundwater monitoring wells), fire, explosion, the development of sinkhole(s) or other subsurface instability at the site, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken, method to prevent reoccurrence, and time needed for repairs. **Written, detailed notification shall be submitted to the Department within seven (7) days following the occurrence.** Routine maintenance does not require notification but shall be noted on daily reports.

**7. Stormwater Management.** The site shall have a surface water management system designed, constructed, operated, and maintained to prevent surface water from running on to waste filled areas, and a stormwater runoff control system designed, constructed, operated, and maintained to collect and control stormwater to meet the requirements of Chapter 62-330, F.A.C., and the requirements for management and storage of surface water in accordance with Rule 62-701.500(10), F.A.C., to meet applicable standards of Chapters 62-3, 62-302, and 62-330, F.A.C. The stormwater management system shall be inspected for damage and proper operation daily.

**SPECIFIC CONDITIONS: PART D - Recordkeeping**

1. **Report submittals.** Unless otherwise specified, all submittals, notifications, requests for permit modification, reports for compliance with this permit, etc. shall be sent to: Solid Waste Section, Department of Environmental Protection, Southwest District Office, 13051 North Telecom Parkway, Temple Terrace, Fl. 33637-0926.

2. **Operation Plan and Operating Record.** Each landfill owner or operator shall have an operational plan which meets the requirements of Rule 62-701.500(2), F.A.C. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections. Operating records as required by Rule 62-701.500(3), F.A.C., are part of the operations plan, and shall also be maintained at the site.

3. **Waste Records.** The permittee shall maintain all records required by the construction specifications, CQA Plan and this permit on-site, and shall provide copies to the Department upon request, unless specified otherwise.

4. **Financial Assurance.** The permittee shall provide adequate financial assurance for this facility and related appurtenances in accordance with Rule 62-701.630, F.A.C.

a. All costs for closure shall be adjusted and submitted **annually, by September 1<sup>st</sup> each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 13051 North Telecom Parkway, Temple Terrace, Fl. 33637-0926.

b. Proof that the financial mechanism has been adequately funded shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, MS#4565, Tallahassee, Florida 32399-2400.

PERMITTEE: Manatee Co y Utilities Dept.  
Mr. Dan Gray, Director

PER NO: 39884-011-SF/01  
Lena Road Class I Landfill

**SPECIFIC CONDITIONS: PART E - Water Quality Monitoring Requirements**

1. **Water Quality Monitoring Quality Assurance.** Water quality monitoring shall be conducted as required by operation permit number 39884-010-SO/01, or its successors.

**SPECIFIC CONDITIONS: PART F - Landfill Gas Management**

**1. Landfill Gas - NSPS and Title V Air Requirements.**

a. This solid waste permit will meet the statutory requirement to obtain an air construction permit before modifying or constructing a source of air pollution, except for those landfills that are subject to the prevention of significant deterioration (PSD) requirements of Chapter 62-212, F.A.C. Facilities that are subject to the PSD requirements shall obtain an air construction permit from the Bureau of Air Regulation prior to beginning construction or modification pursuant to Rule 62-210.400, F.A.C.

b. The permittee shall comply with any applicable Title V air operation permit application requirements of Chapter 62-213, F.A.C., and 40 CFR 60, Subparts WWW and CC, as adopted by reference at Rule 62-204.800, F.A.C. Title V Permit applications shall be submitted to the District Air Program Administrator or County Air Program Administrator with air permitting authority for the landfill.

c. The permittee shall submit to the Division of Air Resources Management, Department of Environmental Protection, Mail Station 5500, 3900 Commonwealth Blvd., Tallahassee, FL 32399-3000, any amended design capacity report and any Non-Methane Organic Compound (NMOC) emission rate report, as applicable, pursuant to 40 CFR 60.757(a)(3) and (b).

**2. Gas Monitoring and Control.** Landfill gas shall be monitored and controlled as required by operation permit no. 39884-010-SO/01, or its successors.

**3. Gas Monitoring Locations.** Gas monitoring probes shall be located as listed in operation permit no. 39884-010-SO/01, or its successors.

**4. Gas Remediation.** In the event that the Lower Explosive Limit (LEL) is greater than 25% inside structures both on or off of the landfill site, or greater than 100% at the property boundary, the owner shall submit to the Department, **within 7 days of detection**, a remediation plan detailing the nature and extent of the problem and the proposed remedy. The remedy shall be completed **within 60 days of detection** unless otherwise approved by the Department.

**SPECIFIC CONDITIONS: PART G - Closure and Long-Term Care Requirements**

**1. Closure Requirements.**

a. No later than ninety (90) days prior to the date when wastes will no longer be accepted for portions of the landfill which have reached closure design dimensions, the landfill owner or operator shall submit a closure permit application to the Department, in order to assure conformance with all applicable Department rules. A closure permit is required prior to implementing closure related activities.

b. Long-Term Care Requirements. The owner or operator shall perform long-term care for the site in accordance with Rule 62-701.620, F.A.C., and the Long-Term Care Plan [ref. SC#A.2.a(3)]. Long-term care includes, but is not limited to, water quality, leachate and gas monitoring; maintenance of the final cover system; maintenance of the leachate collection and removal system; maintenance and operation of the gas collection system; erosion control; and the prevention of ponding within disposal areas.

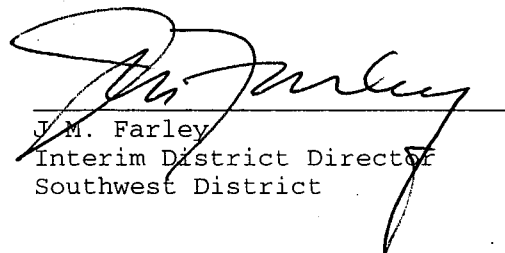
c. After final cover construction for all areas of the landfill is completed, and construction is approved by the Department, the permittee shall file a declaration to the public in the deed records in the office of the county clerk.

**2. Future use of closed landfill areas.** Prior to implementation, the owner or operator shall submit a plan for any proposed uses of the closed portions of the landfill to the Department for approval. This plan shall include a description of the proposed use, and evaluation of the impact on the existing landfill systems (e.g. final cover, leachate collection, bottom liner), engineering designs, calculations and plans as appropriate, etc. The proposed activity shall not be initiated without prior Department approval.

**3. Final Cover.** Portions of the landfill which have been filled with waste to the extent of designed dimensions shall be closed (shall receive final cover) within 180 days after reaching design dimensions, in accordance with Rule 62-701.500(7)(g), F.A.C. and all applicable requirements of Department rules.

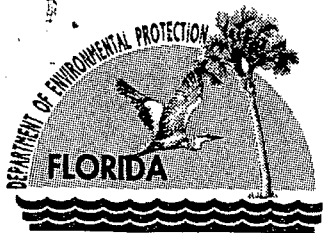
Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
J.M. Farley  
Interim District Director  
Southwest District

| ATTACHMENT 1       |  |   |
|--------------------|--|---|
| Specific Condition | Submittal Due Date   | Required Item   |
| A.4.               | 180 days prior to permit expiration  | Submit permit renewal application   |
| A.9.a.             | Within 24 hours of discovery<br><br>Within 7 days of verbal notification                                     | Notification of sinkholes or subsurface instability<br><br>Written notification & corrective action plan                                |
| B.2.a.             | Within 60 days of completion   | Submit certification of construction completion, record drawings, etc.  |
| B.4.a.             | At least 30 days prior to construction   | Submit complete plans, specification, CQA plan, or statement that no changes have occurred, org. chart with parties/roles,              |
| B.4.b.             | At least 30 days prior to installation of the liner  | Submit interface friction testing results   |
| B.4.c.             | No later than 2 weeks prior to construction of penetrations of the slurry wall and alternate seaming methods | Notify of construction initiation to allow for observation  |
| B.5.               | At least 1 week prior  | Notify of preconstruction meeting   |
| B.6.a.             | No later than 1 week after pre-construction meeting  | Submit meeting minutes  |
| B.6.b.             | Monthly, by the 15 <sup>th</sup> each month  | Submit monthly progress report & schedule   |
| B.9.e.             | At least 1 week prior  | Notify of night work  |
| C.6.b.             | Within 24 hours of discovery<br><br>Within 7 days of verbal notification                                     | Notification of: hazardous waste receipt, failure of landfill systems or equipment<br><br>Written notification & corrective action plan |
| D.4.a.             | Annually, by September 1 <sup>st</sup> each year   | Submit revised cost estimates   |
| D.4.b.             | Annually   | Submit proof of funding   |

| ATTACHMENT 1, cont'd |   |                                   |
|----------------------|---|-----------------------------------|
| Specific Condition   | Submittal Due Date  | Required Item                     |
| F.4.                 | Within 7 days of detection  | Submit gas remediation plan       |
|                      | Within 60 days of detection   | Complete corrective actions       |
| G.1.a.               | No later than 90 days prior to the date when wastes will no longer be received in active LF areas | Submit Closure Permit application |



Jeb Bush  
Governor

# Department of Environmental Protection

Southwest District  
13051 North Telecom Parkway  
Temple Terrace, FL 33637-0926  
Telephone: 813-632-7600

Colleen M. Castille  
Secretary

CERTIFIED MAIL 7004 1350 0002 5571 4237  
RETURN RECEIPT REQUESTED

October 19, 2006

## **NOTICE OF PERMIT**

Manatee County, Utility Operations  
Mr. Daniel T. Gray, Director  
4410 66<sup>th</sup> Street West  
Bradenton, Fl. 34210

DEP File No. 39884-011-SF/01,  
Manatee County

## **NOTICE OF PERMIT**

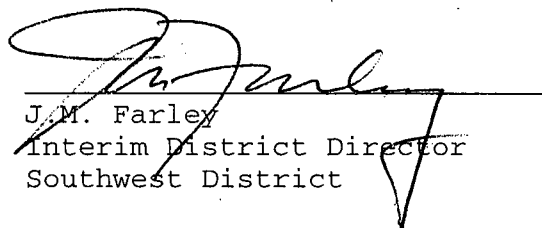
Dear Mr. Gray:

Enclosed is **Closure Permit No.: 39884-011-SF/01**, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Blvd., Mail Station 35, Tallahassee, 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
J.M. Farley  
Interim District Director  
Southwest District

"More Protection, Less Process"

Printed on recycled paper.



CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this **NOTICE OF PERMIT** and all copies were mailed before the close of business on October 19, 2006 to the listed persons.

FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant to Section 120.52(10), Florida Statutes, with the designated Department, Clerk, receipt of which is hereby acknowledged.

Anna Black      10/19/2006  
Clerk      Date

JMF/sjp

Attachment

Copies furnished to:

Manatee County Board of County Commissioners  
Manatee County Notification List  
Gus DiFonzo, Manatee Co., 4410 66<sup>th</sup> St. West, Bradenton, Fl. 34210  
Joseph L. Miller, P.E., PBSJ, 482 South Keller Rd., Orlando, Fl. 32810  
Chris McGuire, OGC Tallahassee  
Fred Wick, FDEP Tallahassee  
Richard Tedder, P.E., FDEP Tallahassee  
(Permit Notebook)

Permitting Application - Permit Detail and Log Permit

### SITE Permit

Site Name: **MANATEE CO. LENA ROAD CLASS 1 LF (LF1)** Site #: **0039884**

County: **MANATEE** Comments: **Y** RPAs: **N** # Cases: **0**

### Project

Permit #: **0039884** / **011** / **SF** Project #: **011** Received: **05/25/2005** CRA #: **218504**

Permit Office: **SWD (DISTRICT)** Agency Action: **Issued**

Project Name: **LENA ROAD LF CLOSURE** Desc: **partial closure of Stage I**

Type/Sub/Des: **SF / 01** **SANIT. LANDFILL CLASS 1 Closure** COE #:

Logged: **05/31/2005** Issued: **10/19/2006** Expires: **10/19/2011** OGC:

Fee: **7500.00** Fee Recd: **7500.00** Del:  Override: **NONE**

### Related Party

Role: **APPLICANT** Begin: **05/31/2005** End:

Name: **GRAY, DANIEL J.** Company: **MANATEE COUNTY GOVERNMENT, UTILITY OPERATIONS**

Address: **4410 - 66TH STREET WEST**

City: **BRADENTON** State: **FL** Zip: **34210** Country: **USA**

Phone: **941-792-6011** Fax:  Email:

### Processors

Processor: **PELZ\_S** **Y** Active: **05/31/2005** Inactive:  Events:

Permitting Application - Events

### Events Scheduled

Site #: **0039884** Site Name: **MANATEE CO. LENA ROAD CLASS 1 LF (LF1)**

Permit #: **0039884** Type/Subtype: **SF / 01** Received: **05/25/2005**

Project #: **011** Project Name: **LENA ROAD LF CLOSURE**

> Awaiting Additional Information: Pending

| Event  | Begin Date | Period | Due Date   | Rmn | Status         | End Date   |
|--|------------|--------|------------|-----|----------------|------------|
| Fee Verification                                 | 05/25/2005 | 2      | 05/27/2005 |     | Sufficient Fee | 05/25/2005 |
| Completeness Review                              | 05/25/2005 | 30     | 06/24/2005 |     | Incomplete     | 06/23/2005 |
| RESET CLOCK                                      | 06/23/2005 | 1      | 06/24/2005 |     | Done           | 06/23/2005 |
| Awaiting Additional Information                  | 06/23/2005 | 45     | 08/07/2005 |     | Received       | 01/25/2006 |
| Completeness Review                              | 01/25/2006 | 30     | 02/24/2006 |     | Incomplete     | 02/24/2006 |
| RESET CLOCK                                      | 02/24/2006 | 1      | 02/25/2006 |     | Done           | 02/24/2006 |
| Awaiting Additional Information                  | 02/24/2006 | 45     | 04/10/2006 |     | Received       | 04/07/2006 |
| Completeness Review                              | 04/07/2006 | 30     | 05/07/2006 |     | Incomplete     | 05/05/2006 |
| RESET CLOCK                                      | 05/05/2006 | 1      | 05/06/2006 |     | Done           | 05/05/2006 |
| Awaiting Additional Information                  | 05/05/2006 | 30     | 06/14/2006 |     | Received       | 06/19/2006 |
| Completeness Review                              | 06/19/2006 | 30     | 07/19/2006 |     | Complete       | 06/19/2006 |
| Determine Agency Action                          | 06/19/2006 | 90     | 09/17/2006 |     | Issue          | 09/14/2006 |
| Mail Public Notice of Intent to Applicant and    | 09/14/2006 | 10     | 09/24/2006 |     | Done           | 09/14/2006 |
| Date of Publication                              | 09/14/2006 | 999    | 06/09/2009 |     | Published      | 10/05/2006 |
| STOP CLOCK                                       | 09/14/2006 | 1      | 09/15/2006 |     | Done           | 09/14/2006 |
| Issue Final Permit                               | 10/05/2006 | 14     | 10/19/2006 |     | Issued         | 10/19/2006 |
| ISSUE PERMIT                                     | 10/19/2006 | 1      | 10/20/2006 |     | Issued         | 10/19/2006 |
| STOP CLOCK                                       | 10/19/2006 | 1      | 10/20/2006 |     | Done           | 10/19/2006 |
| Publish Notice of Application                    | 05/25/2005 | 74     | 08/07/2005 |     | Done           | 01/25/2006 |
| Return Proof of Publication of Notice of Applic: | 01/25/2006 | 21     | 02/15/2006 |     | Received       | 01/25/2006 |

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\* Cash Receiving Application - Collection Point Log Remittance

### Collection Point Log Remittance

|            |                       |        |       |                 |                |          |            |
|------------|-----------------------|--------|-------|-----------------|----------------|----------|------------|
| AREA       | SWD                   |        |       |                 |                | Total    | \$7,500.00 |
| Remittance | 626257                | Type * | CD    | Received Date * | 05/25/2005     | Status   | RECEIVED   |
| SY\$RCPT   | 503105                | PNR    |       | Check # *       | 0727828        | Amount * | 7,500.00   |
| 9\$NFEI#   |                       | Name * | PBS&J |                 |                |          |            |
| First      |                       | Middle |       | Title           |                | Suf      |            |
| Address1   | 482 SOUTH KELLER ROAD |        |       |                 | Short Comments |          |            |
| Address2   |                       |        |       |                 | SO 39884-011   |          |            |
| City       | ORLANDO               | ST     | FL    | Zip             | 32618          | Country  |            |

**PAYMENT (\$)**

| Payment# | Area | Code   | Description     | Amount     | Reference# | Applic Fund * | Status   |
|----------|------|--------|-----------------|------------|------------|---------------|----------|
| 680990   | SWD  | 002246 | SOLID WASTE-CLO | \$7,500.00 |            | PA PFTF       | COMPLETE |
|          |      |        |                 |            |            |               |          |
|          |      |        |                 |            |            |               |          |
|          |      |        |                 |            |            |               |          |
|          |      |        |                 |            |            |               |          |

## COMMIT FREQUENTLY

**\$7,500.00****Payment total**

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Permits Events Payment Site Facilities Party Let Help Exit Windows



25 Permitting Application - Permit Detail and Log Permit

**SITE Permit**

|                      |  |                                       |  |                                 |  |   |  |
|----------------------|--|---------------------------------------|--|---------------------------------|--|---|--|
| Site Name            |  | MANATEE CO. LENA ROAD CLASS TLF (LF1) |  | Site #                          |  | 0039884                                   |  |
| County               |  | MANATEE                               |  | Comments                        |  | N   |  |
|                      |  |                                       |  | RPAs                            |  | N   |  |
|                      |  |                                       |  | # Cases                         |  | 0   |  |
| <b>Project</b>       |  |                                       |  |                                 |  |   |  |
| Permit #             |  |                                       |  | Project #                       |  | 011                                       |  |
|                      |  |                                       |  | Received                        |  | 05/25/2005                                |  |
|                      |  |                                       |  | CRA #                           |  | 218504                                    |  |
| Permit Office        |  | SWD (DISTRICT)                        |  | Agency Action                   |  | Pending                                   |  |
| Project Name         |  | LENA ROAD LF CLOSURE                  |  | Desc                            |  |   |  |
| Type/Sub/Des         |  | SF / 01                               |  | SAHL LANDFILL CLASS I - Closure |  | COE #                                     |  |
| Logged               |  | 05/31/2005                            |  | Issued                          |  |   |  |
| Fee                  |  | 7500.00                               |  | Expires                         |  |   |  |
|                      |  | Fee Recd                              |  | 7500.00                         |  | Delete                                    |  |
|                      |  |                                       |  | Override                        |  | NONE                                      |  |
| <b>Related Party</b> |  |                                       |  |                                 |  |   |  |
| Role                 |  | APPLICANT                             |  | Begin                           |  | 05/31/2005                                |  |
|                      |  |                                       |  | End                             |  |   |  |
| Name                 |  | GRAY, DANIEL T                        |  | Company                         |  | MANATEE COUNTY GOVERNMENT, UTILITY OPERAT |  |
| Address              |  | 4410 - 66TH STREET WEST               |  |                                 |  |   |  |
| City                 |  | BRADENTON                             |  | State                           |  | FL  |  |
|                      |  |                                       |  | Zip                             |  | 34210                                     |  |
| Phone                |  | 941-792-8811                          |  | Country                         |  | USA                                       |  |
|                      |  | Fax                                   |  |                                 |  | Email                                     |  |
|                      |  |                                       |  |                                 |  |   |  |
| <b>Processors</b>    |  |                                       |  |                                 |  |   |  |
| Processor            |  | PELZ S                                |  | Active                          |  | 05/31/2005                                |  |
|                      |  |                                       |  | Inactive                        |  |   |  |
|                      |  |                                       |  | Event                           |  |   |  |

Enter "Y" if this is the PRIMARY processor.

start

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## 1 Intern

## Document


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