



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

NOTICE OF PERMIT

January 11, 2002

Manatee County
c/o Mr. Daniel Gray
Utilities Operations Director
4410 - 66th Street West
Bradenton, FL 34210

Dear Mr. Gray:

Enclosed is a Modification Number 39884-008 to Closure Permit Number **39884-004-SF**, issued pursuant to Section(s) 403.087(1), Florida Statutes.

A person whose substantial interests are affected by the Department's proposed agency action may file a timely petition for an administrative hearing under sections 120.569 and 120.57 of the Florida Statutes, or may choose to pursue mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth below.

A person may pursue mediation by reaching a mediation agreement with all parties to the proceeding (which include the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The names, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

Manatee County
Mr. Daniel Gray
Permit No.: 39884-008-SF

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(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, of no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement; and

(g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference.

(h) The signatures of all parties or their authorized representatives.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that they will apply for challenging the agency action and electing remedies under those two statutes.

The petition for an administrative hearing must conform to the requirements of Chapters 62-110 and 28-106, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, 32399-3000, within fourteen (14) days of receipt of this notice. Failure to file a petition within fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-110, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

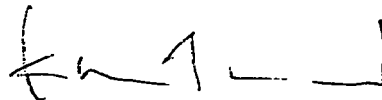
Manatee County
Mr. Daniel Gray
Permit No.: 39884-008-SF

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When the Order (Permit or Permit Modification) is final, any party to the Department 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 Boulevard, 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 the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachment

cc: Gus DiFonzo, Manatee County
Joseph Miller, P.E., PBS&J
RB Robert Butera, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa (permit notebook)
Richard Tedder, P.E., FDEP Tallahassee
Douglas Beason, OGC Tallahassee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on January 11, 2002 to the listed persons.

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

L. Anna Black
Clerk

01-11-02
Date



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

January 11, 2002

PERMITTEE:

Manatee County
c/o Mr. Daniel Gray
Utilities Operations Director
4410 - 66th Street West
Bradenton, FL 34210

Re: Modification #39884-008 to existing Closure Permit
Permit No.: 39884-004-SF, Manatee County
Lena Road Landfill - Stage I Closure

Dear Mr. Gray:

Your existing closure permit No. 39884-004-SF is hereby modified as follows:

<u>SPECIFIC CONDITIONS</u>	<u>FROM</u>	<u>TO</u>	<u>TYPE OF MODIFICATION</u>
Permit expiration	Existing	Amended	Permit expiration extended until 07/27/2005

This letter and its attachments constitute a complete permit and replace all previous permits and permit modifications for the above referenced facility.

Sincerely

Deborah A. Geizoff
Director of District Management
Southwest District

DAG/kbf/ab
Attachments



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Daniel Gray
Utilities Operations Director
4410 - 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-004-SF
Date of Issue: 07/27/2000
Expiration Date: 07/27/2005
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1,6 & 31/34S/19E
Project: Lena Road Landfill -
Stage I Closure

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 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 close approximately 60 acres of Stage I of the Lena Road Landfill, subject to the specific and general conditions attached, located at 3333 Lena Road, Bradenton, Manatee County, Florida. The specific conditions attached are for the partial closure of a:

1. Class I Landfill Disposal Facility - Stage I

General Information: The closure will connect to the previously closed areas and extend over the south and east portions of Stage I down to the perimeter slurry wall. Surface runoff will be collected by drain pipes discharging to the existing stormwater management system for Stage I. The closure will include extensions and connections to the recently completed gas control system.

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.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

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.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

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.

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.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

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
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.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
 - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
 - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

- (a) The following reports shall be submitted to the Department:
 - 1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
 - 2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
 - 3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.
- (b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:
 - 1. A description and cause of the noncompliance.
 - 2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- (c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.
- (d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

SPECIFIC CONDITIONS:

1. **Permit Application Documentation.** This permit is valid for the Stage I closure in accordance with the reports, plans and other information as follows:

- Application and supporting information received on April 4, 2000;
- Letter of response by HDR, with revised plan sheets and replacement pages received on June 2, 2000;

and in accordance with all applicable requirements of Department rules.

2. **Permit Modifications.** Any construction subject to Department Solid Waste regulations 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. Permits shall be modified in accordance with the requirements of 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.

3. **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, if necessary for continuing related activities, 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 F.A.C. 62-4.070(4).

4. **Construction Schedule and Progress Report.** No later than **two (2) weeks after** the pre-construction conference, the owner or operator shall submit a construction schedule which includes estimated dates for related solid waste construction activities 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. An updated construction schedule and progress chart shall be submitted to the Department **monthly**.

5. **Quality Assurance.** A construction quality assurance plan shall provide personnel with adequate information to achieve continuous compliance with the construction requirements. The plan shall include or refer to specifications and construction methods which use established engineering practices for construction and provide for quality control testing procedures and sampling frequencies, pursuant to F.A.C. 62-701.400(7) and (8). Sampling and testing shall be conducted by trained personnel during construction and after construction completion. Such personnel will be under the direction of the construction quality assurance professional engineer, to assure the project will comply with the standards. The engineer or his designee shall be on-site at all times during construction to monitor construction activities.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

SPECIFIC CONDITIONS:

6. **Laboratory and Field Testing Requirements.** Field testing during the construction activities shall be conducted under the direct supervision of the Certifying Engineer or his designee representing the owner. A laboratory experienced in the testing of geosynthetics, independent of the liner manufacturer and installer, shall perform the required conformance testing and testing of seam shear and peel strength.
7. **Certification of Construction Completeness.** Within sixty (60) days after the specified construction has been completed, the following activities shall be completed:
- a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the responsible professional engineer for the construction 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.
 - b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include, but not be limited to, details such as the as-built elevations of the liner system and completed final cover, ditches, and piping.
 - c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.
 - d. The engineer of record shall provide a report to verify conformance with the project specifications and applicable requirements of F.A.C. Rule 62-701.400(7) and (8). The report including all testing results for the entire project shall be submitted to the Department along with the completion of construction documents.
8. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the construction. Such control shall minimize the creation of nuisance conditions on adjoining property. If a complaint is received from the general public concerning activities regulated by this permit, and the Department personnel confirms that the complaint is based on a violation of the standards and criteria applicable to the permittee pursuant to this permit, then the permittee must take immediate corrective action to abate the violation.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

SPECIFIC CONDITIONS:

9. **Facility Maintenance and Repair.** If there is any damage to any portion of the site facilities regulated by this permit or failure of any portion of the associated systems, and such damage or failure may adversely affect the continued compliance with this permit, then the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

10. **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.

11. **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.

12. **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, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

PERMITTEE: Manatee County
c/o Mr. Daniel Gray

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	2 weeks after pre-construction conference	Submit construction schedule
4.	Monthly	Update construction schedule
7.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994
DEP Application No. _____
(Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: _____ County: _____

Name of Project: _____

Name of Owner: _____

Name of Engineer: _____

Type of Project: _____

Cost: Estimate \$ _____ Actual \$ _____

Site Design: Quantity: _____ ton/day Site Acreage: _____ Acres

Deviations from Plans and Application Approved by DEP: _____

Address and Telephone No. of Site: _____

Name(s) of Site Supervisor: _____

Date Site inspection is requested: _____

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No.: _____ Dated: _____

Date: _____

Signature of Professional Engineer

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: X DEBORAH GETZOFF, Director of District Management

FROM/THROUGH:

William Kutash, ENVIRONMENTAL ADMINISTRATOR

Bob Butera *RB 1/8/02* SUPERVISOR

Kim Ford *KA 1/8/02* ENGINEER

DATE: *1/8/2002*

FILE NAME: Lena Road Landfill

MODIFICATION #39884-008

PERMIT #: 39884-004-SF

PROGRAM: Solid Waste

COUNTY: Manatee

TYPE OF PERMIT ACTION: ISSUE DENY X MODIFY
TRANSFER OWNER NOD
PUBLIC NOTICE INTENT TO ISSUE

PUBLIC NOTICE PERIOD CLOSED? N/A PETITION FILED? N/A

PERMIT SUMMARY: This permit modification is to extend the permit expiration date.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The request for the time extension was received on December 18, 2001.

This application was deemed complete on **December 18, 2001.**

Department Processing Time = 20 days (as of January 7, 2002)

Total Processing Time (TIH) = 20 days (as of January 7, 2002)

Day 90/30 for this Action is March 18, 2002.

SOUTHWEST DISTRICT
FDEP

Solid Waste Program
Permitting Application

New Site

Site Name:
Site Address:
County:
Type/Subcode:

Existing Site

Site ID:	39884-008
Project Name:	LENA RD LF closure
Type/Subcode:	SF / TX
Fee Submitted:	50 <input checked="" type="checkbox"/> correct <input type="checkbox"/> incorrect
Fee Refund \$	 Fee Request \$

Related Party

Role:	Applicant
Name:	Daniel Gray
Company:	MANATEE COUNTY
Street:	4410 66th Street West
City:	Bradenton
Zip Code:	34210
Phone:	(941) 792-8811

Distribution Date:
Fee Checked By: 4 Fom

Date: 12/19/01

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE
A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

A. GENERAL INFORMATION

D.E.P.
DEC 18 2001
Southwest District Tampa

1. Type of facility (check all that apply):

☒ Disposal

- | | |
|--|---|
| <input checked="" type="checkbox"/> Class I Landfill | <input type="checkbox"/> Ash Monofill |
| <input type="checkbox"/> Class II Landfill | <input type="checkbox"/> Asbestos Monofill |
| <input type="checkbox"/> Class III Landfill | <input type="checkbox"/> Industrial Solid Waste |
| <input type="checkbox"/> Other Describe: _____ | |

☐ Non-Disposal

- | |
|--|
| <input type="checkbox"/> Incinerator For Non-biomedical Waste |
| <input type="checkbox"/> Waste to Energy Without Power Plant Certification |
| <input type="checkbox"/> Other Describe: _____ |

NOTE: Waste Processing Facilities should apply on Form 62-701.900(4), FAC;
Land Clearing Disposal Facilities should notify on Form 62-701.900(3), FAC;
Compost Facilities should apply on Form 62-701.900(10), FAC; and
C&D Disposal Facilities should apply on Form 62-701.900(6), FAC

2. Type of application:

- | |
|---|
| <input type="checkbox"/> Construction |
| <input type="checkbox"/> Operation |
| <input type="checkbox"/> Construction/Operation |
| <input checked="" type="checkbox"/> Closure |

3. Classification of application:

- | | |
|----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Substantial Modification |
| <input type="checkbox"/> Renewal | <input type="checkbox"/> Intermediate Modification |
| | <input checked="" type="checkbox"/> Minor Modification |

4. Facility name: Manatee County Solid Waste Management Facility - Lena Road Landfill

5. DEP ID number: 4041C02025 County: Manatee

6. Facility location (main entrance): 3333 Lena Road, Bradenton, FL. 34202

7. Location coordinates:

Section: 1, 6 & 31 Township: 34 S Range: 19 E

Latitude: 27 ° 28 ' 00 " Longitude: 82 ° 27 ' 00 "

8. Applicant name (operating authority): Manatee County
- Mailing address: 4410 66th Street West, Bradenton, Florida 34210
Street or P.O. Box City State Zip
- Contact person: Gus DiFonzo Telephone: (941) 795-3428
- Title: Solid Waste Manager
- gus.difonzo@co.manatee.fl.us
E-Mail address (if available)
9. Authorized agent/Consultant: PBS&J
- Mailing address: 482 South Keller Road, Orlando, Florida 32810
Street or P.O. Box City State Zip
- Contact person: Joe Miller Telephone: (407) 647-7275 Ext.153
- Title: Project Manager
- Jlmiller@pbsj.com
E-Mail address (if available)
10. Landowner (if different than applicant): N/A
- Mailing address: _____
Street or P.O. Box City State Zip
- Contact person: _____ Telephone: (____) _____
- _____ E-Mail address (if available)
11. Cities, towns and areas to be served: Manatee County
- _____
12. Population to be served:
- Current: 250,000 Five-Year Projection: 290,000
13. Date site will be ready to be inspected for completion: July 2005
14. Expected life of the facility: N/A years
15. Estimated costs:
- Total Construction: \$ N/A Closing Costs: \$ 10,000,000
16. Anticipated construction starting and completion dates:
- From: January 2002 To: July 2005
17. Expected volume or weight of waste to be received:
- _____ yds³/day 1500 tons/day _____ gallons/day

1. Applicant:

_____ is aware that statements made in this form and attached

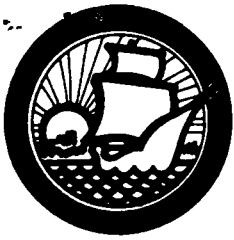
Daniel T. Conroy
Signature of Applicant or Agent

Date: 12/12/01

Signature
Joseph L. Miller, P.E. Project Manager
Name and Title (please type)

Date: December 7, 2001

Page 3 of 3



MANATEE COUNTY GOVERNMENT

Project Management Department

December 17, 2001

Mr. Kim Ford, P.E.
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, Florida 33619

D.E.P.
DEC 18 2001
Southwest District Tampa

**RE: Manatee County, Lena Road Landfill
Permit Number 39884-004-SF**

Dear Mr. Ford:

Manatee County is requesting a time extension to Construction Permit Number 39884-004-SF from its current expiration date of January 15, 2002 to July 1, 2005. This permit includes miscellaneous stormwater improvements and closure of Stage I of the Lena Road Landfill. The stormwater improvements are scheduled to start construction during early 2002. However, the County is currently in the process of modifying the closure plan for Stage I to include the current leachate pond area. Due to the addition of this storage volume, closure of Stage I can be delayed until the time frame indicated. A check in the amount of \$50.00 to cover the permit extension fee is enclosed.

If you have any questions please call Charles Bishop, Project Manager, 941-708-7450 extension 7332. Thank you very much for your assistance.

Sincerely

Janet E. McAfee, Director
Project Management

cc: Daniel T. Gray, Director, Utility Operations
Timothy A. Hochuli, P.E., Projects and Engineering Division Manager
Charles Bishop, Project Manager

F:\USER\PubWKS9\Projects\60088 Lena Drainage\permitexten.wpd *CMB*

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE
A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

A. GENERAL INFORMATION

1. Type of facility (check all that apply):

☒ Disposal

☒ Class I Landfill

☐ Ash Monofill

☐ Class II Landfill

☐ Asbestos Monofill

☐ Class III Landfill

☐ Industrial Solid Waste

☐ Other Describe: _____

☐ Non-Disposal

☐ Incinerator For Non-biomedical Waste

☐ Waste to Energy Without Power Plant Certification

☐ Other Describe: _____

NOTE: Waste Processing Facilities should apply on Form 62-701.900(4), FAC;
Land Clearing Disposal Facilities should notify on Form 62-701.900(3), FAC;
Compost Facilities should apply on Form 62-701.900(10), FAC; and
C&D Disposal Facilities should apply on Form 62-701.900(6), FAC

2. Type of application:

☐ Construction

☐ Operation

☐ Construction/Operation

☒ Closure

3. Classification of application:

☐ New

☐ Substantial Modification

☐ Renewal

☐ Intermediate Modification

☒ Minor Modification

4. Facility name: Manatee County Solid Waste Management Facility - Lena Road Landfill

5. DEP ID number: 4041C02025 County: Manatee

6. Facility location (main entrance): 3333 Lena Road, Bradenton, FL. 34202

7. Location coordinates:

Section: 1, 6 & 31 Township: 34 S Range: 19 E

Latitude: 27 ° 28 ' 00 " Longitude: 82 ° 27 ' 00 "

8. Applicant name (operating authority): Manatee County
- Mailing address: 4410 66th Street West, Bradenton, Florida 34210
Street or P.O. Box City State Zip
- Contact person: Gus DiFonzo Telephone: (941) 795-3428
- Title: Solid Waste Manager
- gus.difonzo@co.manatee.fl.us
E-Mail address (if available)
9. Authorized agent/Consultant: PBS&J
- Mailing address: 482 South Keller Road, Orlando, Florida 32810
Street or P.O. Box City State Zip
- Contact person: Joe Miller Telephone: (407) 647-7275 Ext.153
- Title: Project Manager
- Jlmiller@pbsj.com
E-Mail address (if available)
10. Landowner (if different than applicant): N/A
- Mailing address: _____
Street or P.O. Box City State Zip
- Contact person: _____ Telephone: (____) _____
- _____
E-Mail address (if available)
11. Cities, towns and areas to be served: Manatee County
- _____
12. Population to be served:
- | | Five-Year |
|-------------------------|----------------------------|
| Current: <u>250,000</u> | Projection: <u>290,000</u> |
13. Date site will be ready to be inspected for completion: July 2005
14. Expected life of the facility: N/A years
15. Estimated costs:
- Total Construction: \$ N/A Closing Costs: \$ 10,000,000
16. Anticipated construction starting and completion dates:
- From: January 2002 To: July 2005
17. Expected volume or weight of waste to be received:
- _____ yds³/day 1500 tons/day _____ gallons/day

T. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of Manatee County
_____ is aware that statements made in this form and attached
information are an application for a minor permit modification to the closure
Permit from the Florida Department of Environmental Protection and certifies that the
information in this application is true, correct and complete to the best of his/her
knowledge and belief. Further, the undersigned agrees to comply with the provisions
of Chapter 403, Florida Statutes, and all rules and regulations of the Department.
It is understood that the Permit is not transferable, and the Department will be
notified prior to the sale or legal transfer of the permitted facility.

Daniel T. Gray
Signature of Applicant or Agent

4410 66th Street West
Mailing Address

Daniel T. Gray - Utility Operations Director
Name and Title (please type)

Bradenton, Florida 34210
City, State, Zip Code

Dan.gray@co.manatee.fl.us
E-Mail address (if available)

(941) 792-8811
Telephone Number

Date: 12/12/01

Attach letter of authorization if agent is not a governmental official, owner, or
corporate officer.

2. Professional Engineer registered in Florida (or Public Officer if authorized under
Sections 403.707 and 403.7075, Florida Statutes):

This is to certify that the engineering features of this solid waste management
facility have been designed/examined by me and found to conform to engineering
principles applicable to such facilities. In my professional judgment, this
facility, when properly maintained and operated, will comply with all applicable
statutes of the State of Florida and rules of the Department. It is agreed that the
undersigned will provide the applicant with a set of instructions of proper
maintenance and operation of the facility.

Joseph L. Miller
Signature

482 South Keller Road
Mailing Address

Joseph L. Miller, P.E. - Project Manager
Name and Title (please type)

Orlando, Florida 32810
City, State, Zip Code

jlmiller@pbsj.com
E-Mail address (if available)

39177
Florida Registration Number
(please affix seal)

(407) 647-7275 Ext. 153
Telephone Number

Date: December 7, 2001

\\orlando-pbsj\envcommon\$\WASTEMAN\Manatee County\SW-4 Leachate Pond Closure\62-701.900.1PermitExt.DOC

** Transmit Conf. Report **

P.1

Dec 7 2001 12:54

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417087549	NORMAL	7.12:52	1'47"	7	# O K	



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
3804 COCONUT PALM DRIVE
TAMPA, FL 33619-8318**

FAX

Date: 12/7/01
Number of pages including cover sheet: 7

TO: <u>CHARLIE BISHOP</u>	FROM: <u>Jim Ford</u>
<u>MANNING</u>	
PHONE: <u>941 7087450</u>	PHONE: (813) 744-6100, x <u>382</u>
FAX #: <u>941 7087549</u>	FAX #: (813) 744-6125
CC:	
REMARKS: <input type="checkbox"/> Urgent <input type="checkbox"/> For your review <input checked="" type="checkbox"/> Reply ASAP <input type="checkbox"/> Please comment	
<u>TIME EXTENSION REQUIRED</u>	
<u>\$50 FEE AND SECTIONS A1F</u>	
<u>FOR PERMIT #39884-004-SF-</u>	



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
3804 COCONUT PALM DRIVE
TAMPA, FL 33619-8318**

FAX

Date: 12/7/01
Number of pages including cover sheet: 7

TO: CHARLIE BISHOP

FROM: Jim Ford

MANATEE

PHONE: 941 7087450

PHONE: (813) 744-6100, x 382

FAX #: 941 7087549

FAX #: (813) 744-6125

CC:

REMARKS: ☐ Urgent ☐ For your review ☒ Reply ASAP ☐ Please comment

TIME EXTENSION REQUEST
\$50 FEE AND SECTIONS A & T
FOR PERMIT #39884-004-SF-

Thanks
Jim Ford

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPLICATION FOR A PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE
A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

A. GENERAL INFORMATION

1. Type of facility (check all that apply):

☐ Disposal

☐ Class I Landfill

☐ Ash Monofill

☐ Class II Landfill

☐ Asbestos Monofill

☐ Class III Landfill

☐ Industrial Solid Waste

☐ Other Describe: _____

☐ Non-Disposal

☐ Incinerator For Non-biomedical Waste

☐ Waste to Energy Without Power Plant Certification

☐ Other Describe: _____

NOTE: Waste Processing Facilities should apply on Form 62-701.900(4), FAC;
Land Clearing Disposal Facilities should notify on Form 62-701.900(3), FAC;
Compost Facilities should apply on Form 62-701.900(10), FAC; and
C&D Disposal Facilities should apply on Form 62-701.900(6), FAC

2. Type of application:

☐ Construction

☐ Operation

☐ Construction/Operation

☐ Closure

3. Classification of application:

☐ New

☐ Substantial Modification

☐ Renewal

☐ Intermediate Modification

☐ Minor Modification

4. Facility name: _____

5. DEP ID number: _____ County: _____

6. Facility location (main entrance): _____

7. Location coordinates:

Section: _____ Township: _____ Range: _____

Latitude: _____ ° _____ ' _____ " Longitude: _____ ° _____ ' _____ "

8. Applicant name (operating authority): _____

Mailing address: _____
Street or P.O. Box City State Zip

Contact person: _____ Telephone: (____) _____

Title: _____

E-Mail address (if available)

9. Authorized agent/Consultant: _____

Mailing address: _____
Street or P.O. Box City State Zip

Contact person: _____ Telephone: (____) _____

Title: _____

E-Mail address (if available)

10. Landowner(if different than applicant): _____

Mailing address: _____
Street or P.O. Box City State Zip

Contact person: _____ Telephone: (____) _____

E-Mail address (if available)

11. Cities, towns and areas to be served: _____

12. Population to be served:
Current: _____ Five-Year Projection: _____

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

14. Expected life of the facility: _____ years

15. Estimated costs:
Total Construction: \$ _____ Closing Costs: \$ _____

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

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

T. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

1. Applicant:

The undersigned applicant or authorized representative of _____
_____ is aware that statements made in this form and attached
information are an application for a _____ Permit from the
Florida Department of Environmental Protection and certifies that the information in
this application is true, correct and complete to the best of his/her knowledge and
belief. Further, the undersigned agrees to comply with the provisions of Chapter
403, Florida Statutes, and all rules and regulations of the Department. It is
understood that the Permit is not transferable, and the Department will be notified
prior to the sale or legal transfer of the permitted facility.

Signature of Applicant or Agent

Mailing Address

Name and Title (please type)

City, State, Zip Code

E-Mail address (if available)

() _____
Telephone Number

Date: _____

Attach letter of authorization if agent is not a governmental official, owner, or
corporate officer.

**2. Professional Engineer registered in Florida (or Public Officer if authorized under
Sections 403.707 and 403.7075, Florida Statutes):**

This is to certify that the engineering features of this solid waste management
facility have been designed/examined by me and found to conform to engineering
principles applicable to such facilities. In my professional judgment, this
facility, when properly maintained and operated, will comply with all applicable
statutes of the State of Florida and rules of the Department. It is agreed that the
undersigned will provide the applicant with a set of instructions of proper
maintenance and operation of the facility.

Signature

Mailing Address

Name and Title (please type)

City, State, Zip Code

E-Mail address (if available)

Florida Registration Number
(please affix seal)

() _____
Telephone Number

Date: _____



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Len Bramble
Director of Public Works
4410 - 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-004-SF
Date of Issue: July 27, 2000
Expiration Date: 01/15/2002
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1,6 & 31/34S/19E
Project: Lena Road Landfill -
Stage I Closure

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 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 close approximately 60 acres of Stage I of the Lena Road Landfill, subject to the specific and general conditions attached, located at 3333 Lena Road, Bradenton, Manatee County, Florida. The specific conditions attached are for the partial closure of a:

1. Class I Landfill Disposal Facility - Stage I

General Information: The closure will connect to the previously closed areas and extend over the south and east portions of Stage I down to the perimeter slurry wall. Surface runoff will be collected by drain pipes discharging to the existing stormwater management system for Stage I. The closure will include extensions and connections to the recently completed gas control system.

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.

CHAPTER 62-4
PERMITS

TABLE OF CONTENTS

PART I
GENERAL

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Part II

SPECIFIC PERMITS; REQUIREMENTS

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- 4. Variance from other permitting standards or conditions \$ 2000
- 5. Aquifer exemption - major
\$15,000
- 6. Aquifer exemption - minor \$
7500

(r) Permits to construct or operate any other type of facility or stationary installation not specifically listed in (a) through (n) \$ 100

(s) Minor modifications of permits that do not require substantial technical evaluation by the Department, do not require a new site inspection by the Department, and will not lead to substantially different environmental impacts or will lessen the impacts of the original permit:

1. to correct minor errors or typographical mistakes and that do not involve technical review \$ 0

2. to incorporate changes requested by the Department or required through permits issued by other regulatory agencies, and to change due dates for reporting or performance deadlines when such changes in the due date do not involve any new work, any new work locations, or any new activities, and will not alter, replace, or otherwise eliminate the requirements for otherwise performing the work required by the permit \$ 0

3. that consist of transfers of permits or time extensions \$ 50

4. that consist of minor technical changes which involve new work, new work locations, new activities, or any other change which alters, replaces, or otherwise eliminates the work authorized by the permit when the original permit fee of the issued permit is less than \$300, except for modifications to permits issued pursuant to Section 403.816, F.S. \$ 50

5. that consist of minor technical changes which involve new work, new work locations, new activities, or any other change which alters, replaces, or otherwise eliminates the work authorized by the permit when the original permit fee of the issued permit is more than or equal to \$300, except for Domestic Wastewater Facility Permits, Industrial Wastewater Facility Permits, Drinking Water (Public Water Supply) Permits, Underground Injection Control Permits and permits issued pursuant to Section 403.816, F.S. \$ 250

(t) For purposes of requiring a permit application and fee for the following facility types, each non-contiguous project shall be considered a stationary installation and shall require a separate application and fee.

- 1. Domestic wastewater collection system.
- 2. Drinking water distribution system.

(u) All fees shall be deposited in the Florida Permit Fee Trust Fund created pursuant to Section 403.087(5), F.S.

** Transmit Conf. Report **

P.1

Nov 26 2001 10:52

Telephone Number	Mode	Start	Time	Pages	Result	Note
819417087549	NORMAL	26,10:51	0'57"	2	# O K	

Post-it Fax Note	7671	Date	11/26/01	# of pages	2
To	Charles Bishop	From	Susan Pele		
Co./Dept	Manatee Co	Co.	FDEP		
Phone #		Phone #	813-744-6100 x386		
Fax #	941-708-7549	Fax #	813-744-6125		

see 2nd page

\$250
\$100
\$250

1. Construction permit for each Category I through III treatment plant, as defined in Rule 62-699.310, F.A.C., with treatment other than disinfection only.

- | | |
|---|--------|
| a. Treatment plant - 5 MGD and above | \$7500 |
| b. Treatment plant - 1 MGD up to 5 MGD | \$6000 |
| c. Treatment plant - 0.25 MGD up to 1 MGD | \$4000 |
| d. Treatment plant - 0.1 MGD up to 0.25 MGD | \$2000 |
| e. Treatment plant - up to 0.1 MGD | \$1000 |

2. Construction permit for each Category IV treatment plant, as defined in Rule 62-699.310, F.A.C., with treatment other than disinfection only.

- | | |
|---|--------|
| a. Treatment plant - 5 MGD and above | \$7500 |
| b. Treatment plant - 1 MGD up to 5 MGD | \$6000 |
| c. Treatment plant - 0.25 MGD up to 1 MGD | |

3. Construction permit for each Category V treatment plant, as defined in Rule 62-699.310, F.A.C. - Disinfection only.

- | | |
|---|--------|
| a. Treatment plant - 5 MGD and above | \$5000 |
| b. Treatment plant - 1 MGD up to 5 MGD | \$3000 |
| c. Treatment plant - 0.25 MGD up to 1 MGD | \$1000 |
| d. Treatment plant - up to 0.25 MGD | \$500 |
| e. Treatment plant - up to 0.1 MGD | \$300 |

4. Distribution and transmission systems, including raw water lines into the plant, except those under general permit.

- | | |
|--|-------|
| a. Serving a community public water system | \$500 |
| b. Serving a non-transient non-community public water system | \$350 |
| c. Serving a non-community public water system | \$250 |

5. Construction permit for each public water supply well.

- | | |
|---|-------|
| a. Well located in a delineated area pursuant to Chapter 62-524, F.A.C. | \$500 |
| b. Any other public water supply well. | \$250 |

6. Major modifications to systems that alter the existing treatment without expanding the capacity of the system and are not considered substantial changes pursuant to Rule 62-4.050(7), F.A.C. below.

- | | |
|---------------------------|--------|
| a. 1 MGD and above | \$2000 |
| b. 0.1 MGD up to 1 MGD | \$1000 |
| c. 0.01 MGD up to 0.1 MGD | \$500 |
| d. Up to 0.01 MGD | \$100 |

7. Minor modifications to systems that result in no change in the treatment or capacity.

- | | |
|----------------------|-------|
| a. 0.1 MGD and above | \$300 |
| b. Up to 0.1 MGD | \$100 |

(o) Temporary operation permits shall be 20 percent over the fee for the operation permit for the activity to be permitted.

(p) General Permit fee for any General Permit not specifically listed in Paragraphs (a) through (l).

- | | |
|---|-------|
| a. General permits requiring Professional Engineer or Professional Geologist certification | \$250 |
| b. General permits not requiring Professional Engineer or Professional Geologist certification. | \$100 |

(q) Unless otherwise specified in this rule, the fee for applications for relief mechanisms shall be as follows:

- | | |
|--|----------|
| 1. Site specific alternative criteria for each water quality criteria | \$15,000 |
| 2. Variance or exemption for each water quality criteria | \$6000 |
| 3. Variance or exemption for public water system from maximum contaminant level/treatment techniques | \$1000 |
| 4. Variance from other permitting standards or conditions | \$2000 |
| 5. Aquifer exemption - major | \$15,000 |

see 2nd page

a. Minor modification to a Class I or Class III injection facility.	\$250
b. Minor modification to a Class V injection facility.	\$100
17. Rerating of the permitted capacity of a Class I injection well to the maximum injection velocity allowed under Rule 62-28.230(1)(e), F.A.C.	\$250
(n) Drinking Water (Public Water Supply) Permits.	
1. Construction permit for each Category I through III treatment plant, as defined in Rule 62-699.310, F.A.C., with treatment other than disinfection only.	
a. Treatment plant – 5 MGD and above	\$7500
b. Treatment plant – 1 MGD up to 5 MGD	\$6000
c. Treatment plant – 0.25 MGD up to 1 MGD	\$4000
d. Treatment plant – 0.1 MGD up to 0.25 MGD	\$2000
e. Treatment plant – up to 0.1 MGD	\$1000
2. Construction permit for each Category IV treatment plant, as defined in Rule 62-699.310, F.A.C., with treatment other than disinfection only.	
a. Treatment plant – 5 MGD and above	\$7500
b. Treatment plant – 1 MGD up to 5 MGD	\$6000
c. Treatment plant – 0.25 MGD up to 1 MGD	
3. Construction permit for each Category V treatment plant, as defined in Rule 62-699.310, F.A.C. – Disinfection only.	
a. Treatment plant – 5 MGD and above	\$5000
b. Treatment plant – 1 MGD up to 5 MGD	\$3000
c. Treatment plant – 0.25 MGD up to 1 MGD	\$1000
d. Treatment plant – up to 0.25 MGD	\$500
e. Treatment plant – up to 0.1 MGD	\$300
4. Distribution and transmission systems, including raw water lines into the plant, except those under general permit.	
a. Serving a community public water system	\$500
b. Serving a non-transient non-community public water system	\$350
c. Serving a non-community public water system	\$250
5. Construction permit for each public water supply well.	
a. Well located in a delineated area pursuant to Chapter 62-524, F.A.C.	\$500
b. Any other public water supply well.	\$250
6. Major modifications to systems that alter the existing treatment without expanding the capacity of the system and are not considered substantial changes pursuant to Rule 62-4.050(7), F.A.C. below.	
a. 1 MGD and above	\$2000
b. 0.1 MGD up to 1 MGD	\$1000
c. 0.01 MGD up to 0.1 MGD	\$500
d. Up to 0.01 MGD	\$100
7. Minor modifications to systems that result in no change in the treatment or capacity.	
a. 0.1 MGD and above	\$300
b. Up to 0.1 MGD	\$100
(o) Temporary operation permits shall be 20 percent over the fee for the operation permit for the activity to be permitted.	
(p) General Permit fee for any General Permit not specifically listed in Paragraphs (a) through (l).	
a. General permits requiring Professional Engineer or Professional Geologist certification	\$250
b. General permits not requiring Professional Engineer or Professional Geologist certification.	\$100
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1. Site specific alternative criteria for each water quality criteria	\$15,000
2. Variance or exemption for each water quality criteria	\$6000
3. Variance or exemption for public water system from maximum contaminant level/treatment techniques	\$1000
4. Variance from other permitting standards or conditions	\$2000
5. Aquifer exemption – major	\$15,000
6. Aquifer exemption – minor	\$7500
(r) Permits to construct or operate any other type of facility or stationary installation not specifically listed in subsections (a) through (n).	\$100
(s) Minor modifications of permits that do not require substantial technical evaluation by the Department, do not require a new site inspection by the Department, and will not lead to substantially different environmental impacts or will lessen the impacts of the original permit:	
1. To correct minor errors or typographical mistakes and that do not involve technical review	\$0
2. To incorporate changes requested by the Department or required through	

Post-It® Fax Note		7671	Date	11/26/01	# of pages	2
To	Charles Bishop		From	Susan Pelz		
Co./Dept	Nantuxet		Co	FDEP		
Phone #	[Redacted]		Phone #	813-744-6100 x386		
Fax #	991-708-7549		Fax #	813-744-6125		

Chapter 62-4.050(5)3., F.A.C.

permits issued by other regulatory agencies, and to change due dates for reporting or performance deadlines when such changes in the due date do not involve any new work, any new work locations, or any new activities, and will not alter, replace, or otherwise eliminate the requirements for otherwise performing the work required by the permit

→ 3. That consist of transfers of permits or time extensions

\$0

\$50

4. That consist of minor technical changes which involve new work, new work locations, new activities, or any other change which alters, replaces, or otherwise eliminates the work authorized by the permit when the original permit fee of the issued permit is less than \$300, except for modifications to permits issued pursuant to Section 403.816, F.S.

\$50

5. That consist of minor technical changes which involve new work, new work locations, new activities, or any other change which alters, replaces, or otherwise eliminates the work authorized by the permit when the original permit fee of the issued permit is more than or equal to \$300, except for Domestic Wastewater Facility Permits, Industrial Wastewater Facility Permits, Drinking Water (Public Water Supply) Permits, Underground Injection Control Permits and permits issued pursuant to Section 403.816, F.S.

\$250

(t) For purposes of requiring a permit application and fee for the following facility types, each non-contiguous project shall be considered a stationary installation and shall require a separate application and fee.

1. Domestic wastewater collection system.

2. Drinking water distribution system.

(u) All fees shall be deposited in the Florida Permit Fee Trust Fund created pursuant to Section 403.087(5), F.S.

(v) If the department requires by rule or permit condition that any specific permit be renewed more frequently than once every five years, the permit fee shall be prorated based upon the permit fee schedule in effect at the time of permit renewal. Upon issuance of such a permit, a prorated refund of the fee shall be returned to the applicant. This provision does not apply to permits issued for less than five years which could be extended to five years without the filing of an application for renewal. However, applications for permits to continue operation of a facility where an existing permit has or is about to expire in accordance with Section 403.087(1), F.S., shall be accompanied by the appropriate processing fee.

(w) This fee schedule does not apply to applications for certification pursuant to Sections 288.501-288.518, F.S., Florida Industrial Siting Act; Sections 341.321-341.386, F.S., the High Speed Rail Transportation Commission, except that fees may be assessed for the permitting of Ancillary Facilities under the Act for which a master plan approval was granted under the Act; to Sections 403.501-403.519, F.S., Florida Electrical Power Plant Siting Act; or to Sections 403.52-403.539, F.S., the Transmission Line Siting Act.

(x) This fee schedule will supersede all other references to fees in Department rules or forms, where in conflict except as noted in Rule 62-4.050(4)(n), F.A.C.

(y) In the jurisdiction of an approved local program which in accordance with an interagency agreement assists the Department in the processing of permits the fee paid to the Department shall be reduced by the amount specified in the agreement. That amount shall be commensurate with the savings to the Department resulting from the assistance of the local program.

(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.

(b) When an application is received without the required fee, the Department shall acknowledge receipt of the application and shall immediately notify the applicant by certified mail that the required fee was not received and advise the applicant of the correct fee. The Department shall take no further action until the correct fee is received. If a fee was received by the Department which is less than the amount required, the Department shall return the fee along with the written notification.

(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.

(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.

(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.

(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Section 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.

(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application for the same time duration except for modification under Chapter 62-45, F.A.C.

2002 RB

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 10/10/01

Subject LELAND CLOSING

Time 12:50

Permit No. _____

County MANATEE

M FRANK SANCHEZ DIAZ

Telephone No. 2822402

Representing HON

☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

I RETURNED HIS CALL

F.S. ASKED FOR TX ON CLOSING PERMIT

I ASKED FOR THE COUNTY TO

REQUEST TX W/ \$50 FEE

AND EXPLANATION WITH SCHEDULE

TO FILL & CLOSE THE OLD

LELAND POND AREA

I SAID IT WOULD NEED REVISED PLANS

TO COVER THE POND AREA AS DESCRIBED

IN THE DEC 4, 2000 LETTER

(continue on another
sheet, if necessary)

Signature [Signature]

Title _____

April 27, 2001

Kim Ford
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, Florida 33619

D.E.P.
APR 30 2001
Southwest District Tampa

HDR

RE: Manatee County, Lena Road Landfill
Stormwater Drainage Improvements

Dear Mr. Ford:

The purpose of this letter is to update you on the County's intent to complete the above improvements to the Stage 1 landfill cell at the Lena Road Landfill. The proposed stormwater improvements were included in the construction permit for the Stage 1 Second Partial Closure Permit No. 39884-004-SF and approved by the FDEP. The County intends to construct the stormwater improvements separately from the Second Partial Closure construction.

The condition of the existing stormwater drains on the side slopes of the closed Stage I east side slopes require considerable maintenance. Rather than wait for the extended schedule of the second partial closure, the County desires to expedite this construction as soon as possible.

HDR has separated the construction design details of the stormwater drainage improvements from the Second Partial Closure into a separate construction package. Manatee County intends to bid this construction project independently from the closure project. HDR will provide construction administration services during construction. Upon completion of construction of the Stormwater Improvements project, HDR will provide the FDEP construction completion certification.

I trust this information provides you with the information you requested. Please contact me at 813-282-2392 if you require any additional information or clarification.

Sincerely,

HDR ENGINEERING, INC.



William B. Embree
Assistant Manager, Environmental & Resource Management

cc: Gus DiFonzo
Dan Gray
Tim Hochuli
Janet McAfee

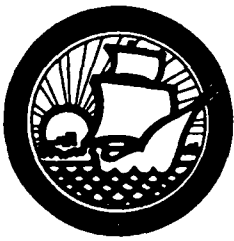
HDR Engineering, Inc.

2202 North West Shore Boulevard
Suite 250
Tampa, Florida
33607-5755

Telephone
813 282-2300
Fax
813 282-2430

Employee Owned

S137J116.doc



MANATEE COUNTY
GOVERNMENT
Utility Operations Department

April 24, 2001

Kim Ford, P.E., Solid Waste Section
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

D.E.P.
APR 26 2001
Southwest District Tampa

Re: Leachate Pond Fill Expansion Status

Dear Mr. Ford:

As requested, the following synopsis presents the current status of the above noted subject and other related matters.

For your information, the Manatee County Board of County Commissioners executed a Solid Waste Engineering Agreement for Professional Services with Post, Buckley, Schuh & Jernigan (PBS&J) on April 3, 2001. PBS&J are the new Solid Waste Engineers for Manatee County. The Board also approved Change Orders with HDR Engineering, Inc. (HDR) for solid waste engineering services for monitoring/reporting through June 5, 2001 to allow for a transitional period to PBS&J.

As you are aware through a recent telephone conversation with HDR, the County is committed to separating and moving forward with the stormwater/drainage modification work included in the second partial closure. The County has instructed HDR to draft a letter on its behalf stating the required scope of work.

With regard to the Leachate Pond Disposal Sequence and Closure Permits, it is the County's intention to pursue the Fill Expansion. The County is in receipt of, and currently reviewing, proposed Work Assignments from PBS&J for engineering services related to the Leachate Pond Facilities Expansion and Operating Permit. The Work Assignments will address, and will respond to, each of the conditions stipulated in the Department's letter to Mr. Ernie Padgett, County Administrator, dated December 4, 2000

I believe this information satisfactorily addresses our current status. If we can provide additional information or clarification, please contact me at 941/792-8811, Extension 5323. Your continued cooperation in this matter is greatly appreciated.

Sincerely,

Daniel T. Gray, Director

DTG/gp

cc: Ernie Padgett, County Administrator
Robert Butera, P.E., FDEP Southwest District
Janet McAfee, Project Management Director
Timothy A. Hochuli, P.E., Projects and Engineering Division Manager
Gus DiFonzo, Solid Waste Manager
C. Michael Gore, Landfill Superintendent

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 4/2/01 Subject CONTAMINATED SOIL DISPOSAL @ LONA RD LF
Time 1455 Permit No. _____
County MANATEE
Telephone No. 941-745-7081

MR NICK MASON
Representing REPORTER

☒ Phoned Me ☐ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

- N.M. WAS REFERRED TO ME AFTER HE SPOKE W/ GUS DIFONZO (MANATEE COUNTY) AND W/ DEB DAIQUE (HDR ENGINEERS)
- HE IS LOOKING INTO AN ITEM ON BOCC AGENDA REGARDING DISPOSAL OF SOILS FROM MACDILL AFB & WANTED TO KNOW THE NATURE OF THE SOIL
- HE HAD A LETTER FROM CLEEN SOIL DATED 5/4/00 THAT INDICATED THE PETROLEUM CONTAMINATED SOIL WOULD BE THERMALLY TREATED & THEN DISPOSED AT LONA RD LF; THE ISSUE OF ITS USE AS COVER OR DISPOSAL AS WASTE WTS UNCLEAR
- N.M. INDICATED GUS SAID THIS WAS AN ISSUE HE DID NOT DEAL W/ DIRECTLY BUT HAD HDR CONTACT DEP ABOUT DISPOSAL AT LONA RD
- TOLD HIM I NEEDED TO ADVISE FOLKS HERE OF PRESS INQUIRY & SOMEONE WOULD CALL HIM BACK

C 1520 CALLED DEB DAIQUE @ HDR - SHE DID NOT RECOLLECT DETAILING W/ SOILS FROM MACDILL BUT WOULD CALL GUS DIFONZO TO DISCUSS & CALL ME BACK W/ DETAILS

C 1540 DEB HAD TALKED W/ GWEN (GUS' ASSISTANT) AND SHE INDICATED THE CLEEN SOIL ISSUE WAS REVIEWED BY COUNTY LAB STAFF THAT DID NOT INVOLVE HDR OR DEP - HE WOULD CALL MR. MASON BACK - NO NEED FOR DEB OR MYSELF TO CALL HIM BACK
(continue on another sheet, if necessary)

Signature J. Morris

Title _____



MANATEE COUNTY
RECEIVED GOVERNMENT
Public Works Department
MAR 05 2001
Department of Environmental Protection
BY SOUTHWEST DISTRICT

February 23, 2001

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8381

Attention: Mr. Robert Butera, P. E.

Reference: **Permit No: 69686-001-SF**, Erie Road Closed Class I Landfill, Manatee County
Permit No: 39884-001-SO, Manatee County Solid Waste Management Facility,
Lena Road Landfill

Dear Mr. Butera:

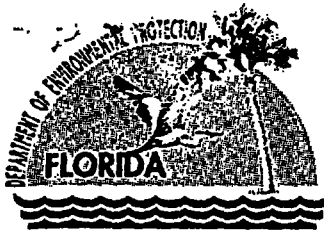
Please be advised Daniel T. Gray has been appointed Utility Operations Director for Manatee County and will be the Responsible Official for signature for the above referenced permits.

Thank you.

Gus DiFonzo
Solid Waste Manager

GD/ds

cc: D. Gray
M. Gore
G. Pagington



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

December 4, 2000

Mr. Ernie Padgett
County Administrator
Manatee County
P. O. Box 1000
Bradenton, FL 34206-1000

Re: Lena Road Landfill Disposal Sequence and Closure
Permits #39884-001-SO and #39884-004-SF, Manatee County

Dear Mr. Padgett:

The Department has no objection to the concept of disposal in the area currently designated as the leachate pond as described in your November 22, 2000 letter subject to the following conditions:

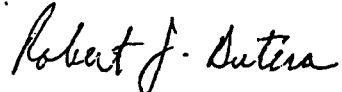
1. A Solid Waste "Other" Construction Permit is required for the expansion of the leachate collection system around the leachate pond area pursuant to F.A.C. Rule 62-4.050(4)(h)11., including the completed permit application, related site plans, storage calculations (demonstrating the WWTP has available capacity to accept the maximum amount of leachate to be generated during a worst case period of seven days) and \$1000 processing fee;
2. A permit modification is required to the current operation permit (#39884-001-SO) upon completion of construction pursuant to F.A.C. Rule 62-4.050(4)(q)5., including construction certification documents, and revised sequence of fill drawings, leachate management plan, and \$250 processing fee; and
3. A permit modification is required to the current closure permit (#39884-004-SF) for expansion of the closure design to cover the leachate pond area when filled pursuant to F.A.C. Rule 62-4.050(4)(q)5., including the revised closure design, and \$250 processing fee. The revised closure design will include an expansion of the gas collection system. Consultation with the Southwest District's Air Permitting staff is recommended.

Mr. Ernie Padgett
County Administrator
Manatee County

December 4, 2000
Page Two

If you or your staff have any questions, please call me or Kim Ford of the Solid Waste Permitting Section. Thank you for your continued cooperation.

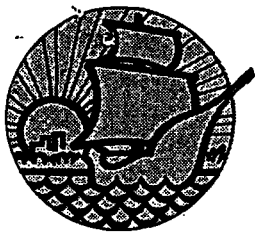
Sincerely,



Robert J. Butera, P.E.
Solid Waste Manager
Southwest District

KBF/ab

cc: Dan Gray, Manatee County
Gus DiFonzo, Manatee County
Kim Ford, P.E., FDEP Tampa



MANATEE COUNTY GOVERNMENT

OFFICE OF THE COUNTY ADMINISTRATOR
"TO SERVE WITH EXCELLENCE"

November 22, 2000

Robert Butera, P.E., Southwest District
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RECEIVED
NOV 27 2000

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

RE: Manatee County Landfill Disposal Sequence/Closure

Dear Mr. Butera:

Pursuant to the meeting of October 19, 2000 between the Florida Department of Environmental Protection (FDEP), County Staff, and HDR Engineering, Inc. with regard to the above referenced subject, the County wishes to pursue the option of expansion of the fill design into the leachate pond area. The County sees the opportunity to realize an estimated additional 2.2 years of air space. This will allow Manatee County to extend the life of its facility; allow for the proper planning and facilities site relocation work to expand into Stage III, and avoid the potential infringement into Stage II. It is my understanding that FDEP is amenable to this scenario contingent upon certain stipulations and requirements.

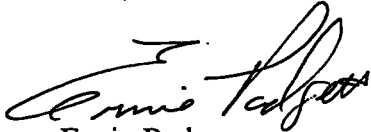
The County is aware that it must adequately satisfy FDEP that the Southeast Regional Treatment Plant, on-site at the Landfill, can properly store and/or process the volume of leachate generated from the Landfill Facility and that there will be various fees, permit modifications, engineering work, etc. required. As also discussed during the meeting, given the existing capacity available in Stage I, combined with the additional acreage to be gained in the leachate pond area, this will extend the design fill sequence and pending partial closure to roll over into the next five-year Operations Permit. It is also my understanding that FDEP is also open to this scenario and that during the interim, the County will adhere to an aggressive intermediate cover program. The County also understands that long term care begins with the final closure of the site.

Should FDEP concur with the foregoing, I would ask that you memorialize this understanding in a letter to me. If the above scenario proves unsatisfactory, the County will request approval to proceed with partial closure as originally planned. That request will include the necessary extension of time for completion.

Letter to Robert Butera
November 1, 2000
Page 2

The time you have allotted staff and your continued cooperation in this matter is greatly appreciated. We look forward to your response and working with FDEP in this worthwhile endeavor for Manatee County and its citizens. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ernie Padgett".

Ernie Padgett
County Administrator

EP:GD/dw

cc: David Rothfuss, Interim Public Works Director
Janet McAfee, Director of Project Management
Dan Gray, Utilities Operations Manager
Gus DiFonzo, Solid Waste Manager



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

July 27, 2000

NOTICE OF PERMIT

Manatee County
c/o Mr. Len Bramble
Director of Public Works
4410 - 66th Street West
Bradenton, FL 34210

Dear Mr. Bramble:

Enclosed is Permit Number 39884-004-SF, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to the 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, 2600 Blair Stone Road, Tallahassee, 32399-2400; 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 the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachment

cc: Fred Sebesta, P.E., HDR
Robert Butera, P.E., FDEP Tampa

Manatee County
c/o Mr. Len Bramble
Permit No.: 39884-004-SF

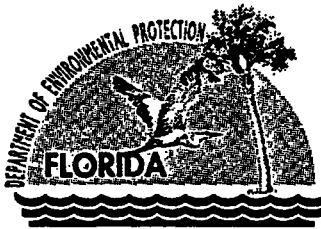
Page Two

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 7-27-2000 to the listed persons.

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

Betty Rodgers 7-27-2000
Clerk Date



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Len Bramble
Director of Public Works
4410 - 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-004-SF
Date of Issue: July 27, 2000
Expiration Date: 01/15/2002
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1, 6 & 31/34S/19E
Project: Lena Road Landfill -
Stage I Closure

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 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 close approximately 60 acres of Stage I of the Lena Road Landfill, subject to the specific and general conditions attached, located at 3333 Lena Road, Bradenton, Manatee County, Florida. The specific conditions attached are for the partial closure of a:

1. Class I Landfill Disposal Facility - Stage I

General Information: The closure will connect to the previously closed areas and extend over the south and east portions of Stage I down to the perimeter slurry wall. Surface runoff will be collected by drain pipes discharging to the existing stormwater management system for Stage I. The closure will include extensions and connections to the recently completed gas control system.

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.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

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.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

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.

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.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

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
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.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
 - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
 - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

- (a) The following reports shall be submitted to the Department:
 - 1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
 - 2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
 - 3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.
- (b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:
 - 1. A description and cause of the noncompliance.
 - 2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- (c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.
- (d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

SPECIFIC CONDITIONS:

1. **Permit Application Documentation.** This permit is valid for the Stage I closure in accordance with the reports, plans and other information as follows:

- Application and supporting information received on April 4, 2000;
- Letter of response by HDR, with revised plan sheets and replacement pages received on June 2, 2000;

and in accordance with all applicable requirements of Department rules.

2. **Permit Modifications.** Any construction subject to Department Solid Waste regulations 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. Permits shall be modified in accordance with the requirements of 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.

3. **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, if necessary for continuing related activities, 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 F.A.C. 62-4.070(4).

4. **Construction Schedule and Progress Report.** No later than two (2) weeks after the pre-construction conference, the owner or operator shall submit a construction schedule which includes estimated dates for related solid waste construction activities 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. An updated construction schedule and progress chart shall be submitted to the Department monthly.

5. **Quality Assurance.** A construction quality assurance plan shall provide personnel with adequate information to achieve continuous compliance with the construction requirements. The plan shall include or refer to specifications and construction methods which use established engineering practices for construction and provide for quality control testing procedures and sampling frequencies, pursuant to F.A.C. 62-701.400(7) and (8). Sampling and testing shall be conducted by trained personnel during construction and after construction completion. Such personnel will be under the direction of the construction quality assurance professional engineer, to assure the project will comply with the standards. The engineer or his designee shall be on-site at all times during construction to monitor construction activities.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

SPECIFIC CONDITIONS:

6. **Laboratory and Field Testing Requirements.** Field testing during the construction activities shall be conducted under the direct supervision of the Certifying Engineer or his designee representing the owner. A laboratory experienced in the testing of geosynthetics, independent of the liner manufacturer and installer, shall perform the required conformance testing and testing of seam shear and peel strength.

7. **Certification of Construction Completeness.** Within **sixty (60) days** after the specified construction has been completed, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the responsible professional engineer for the construction 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.

b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include, but not be limited to, details such as the as-built elevations of the liner system and completed final cover, ditches, and piping.

c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.

d. The engineer of record shall provide a report to verify conformance with the project specifications and applicable requirements of F.A.C. Rule 62-701.400(7) and (8). The report including all testing results for the entire project shall be submitted to the Department along with the completion of construction documents.

8. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the construction. Such control shall minimize the creation of nuisance conditions on adjoining property. If a complaint is received from the general public concerning activities regulated by this permit, and the Department personnel confirms that the complaint is based on a violation of the standards and criteria applicable to the permittee pursuant to this permit, then the permittee must take immediate corrective action to abate the violation.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

SPECIFIC CONDITIONS:

9. **Facility Maintenance and Repair.** If there is any damage to any portion of the site facilities regulated by this permit or failure of any portion of the associated systems, and such damage or failure may adversely affect the continued compliance with this permit, then the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

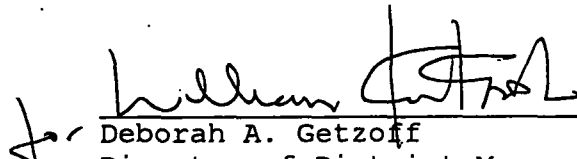
10. **Professional Certification.** Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

11. **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.

12. **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, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Deborah A. Getzoff
Director of District Management
Southwest District

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	2 weeks after pre-construction conference	Submit construction schedule
4.	Monthly	Update construction schedule
7.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994

DEP Application No. _____
(Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: _____ County: _____

Name of Project: _____

Name of Owner: _____

Name of Engineer: _____

Type of Project: _____

Cost: Estimate \$ _____ Actual \$ _____

Site Design: Quantity: _____ ton/day Site Acreage: _____ Acres

Deviations from Plans and Application Approved by DEP: _____

Address and Telephone No. of Site: _____

Name(s) of Site Supervisor: _____

Date Site inspection is requested: _____

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No.: _____ Dated: _____

Date: _____
Signature of Professional Engineer

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: X DEBORAH GETZOFF, Director of District Management

FROM/THROUGH:

William Kutash, ENVIRONMENTAL ADMINISTRATOR

Bob Butera, SUPERVISOR

Kim Ford, ENGINEER

DATE:

FILE NAME: Lena Road Landfill

PERMIT #: 39884-004-SF

- Stage I Closure

PROGRAM: Solid Waste

COUNTY: Manatee

TYPE OF PERMIT ACTION: X ISSUE DENY MODIFY
 TRANSFER OWNER NOD
 PUBLIC NOTICE X INTENT TO ISSUE

PUBLIC NOTICE PERIOD CLOSED? YES PETITION FILED? NO

PERMIT SUMMARY: This permit is to allow the closure of Stage I and related improvements. Construction certification and record drawings are required by this permit.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The permit application was received April 4, 2000. One deficiency letter was sent with the response received on June 2, 2000. Revised plan sheets and replacement pages were received on June 2, 2000.

This application was deemed complete on June 2, 2000.

Department Processing Time = 52 days (thru 6/25/2000)
Total Processing Time (TIH) = 82 days (thru 6/25/2000)

Day 90/30 for this Action is September 1, 2000.

CERTIFICATION

Application No.

LENA ROAD STAGE I Closure
39884-004-SR

I HEREBY CERTIFY that the engineering features described in the above referenced application (provide / ~~do not provide~~) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title ⁶²27. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical and structural features).

LEB

(Signed)

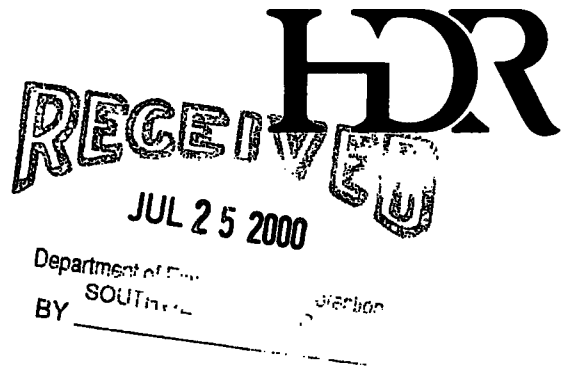
6/23/00

(Date)

(Seal)

July 24, 2000

Mr. Kim Ford, P.E.
Solid Waste Engineer
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318



RE: Lena Road Landfill
Partial Closure Number 2
Pending Closure Permit Number 39884-004-SF
HDR Project Number: 07982-029-096

Dear Mr. Ford:

On behalf of Manatee County, we are submitting the proof of publication of the public notice regarding the FDEP intent to issue a permit to close approximately 60 acres of Stage I of the Lena Road Landfill. This notice was published in the Bradenton Herald on July 11, 2000.

Please call me at (813) 282-2402 with any comments or questions.

Sincerely,

HDR ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Fred W. Sebesta', is written over the typed name.

Fred W. Sebesta, P.E.
Senior Project Manager

Enclosure

cc: Tim Hochuli
Len Bramble (cover letter only)
Dan Gray (cover letter only)
Gus DiFonzo (cover letter only)
Mike Gore (cover letter only)
Bob Butera (cover letter only)
Bill Embree (cover letter only)

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HDR Engineering, Inc.

Employee Owned

2202 North West Shore Boulevard
Suite 250
Tampa, Florida
33607-5755

Telephone
813 282-2300
Fax
813 282-2430

BRADENTON HERALD

www.bradenton.com
P.O. Box 921
Bradenton, FL 34206-0921
102 Manatee Avenue West
Bradenton, FL 34205-8894
941/748-0411 ext. 7055

Bradenton Herald
Published Daily
Bradenton, Manatee, Florida

STATE OF FLORIDA COUNTY OF MANATEE;

Before the undersigned authority personally appeared Sandy Riley, who on oath says that she is a Legal Advertising Representative of the Bradenton Herald, a daily newspaper published at Bradenton in Manatee County, Florida; that the attached copy of the advertisement, being a Legal Advertisement in the matter of NOTICE OF PROPOSED AGENCY ACTION in the Court, was published in said newspaper in the issues of 7/11, '00.

Affiant further says that the said publication is a newspaper published at Bradenton, in said Manatee County, Florida, and that the said newspaper has heretofore been continuously published in said Manatee County, Florida, each day and has been entered as second-class mail matter at the post office in Bradenton, in said Manatee County, Florida for a period of 1 year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sandy Riley
(Signature of Affiant)

Sworn to and subscribed before me this
11th Day of July, 2000

DIANE S. SACRO
Notary Public - State of Florida
My Commission Expires Aug 13, 2003
Commission # CC863180

Diane S. Sacro
SEAL & Notary Public

Personally Known ☒ OR Produced Identification _____
Type of Identification Produced _____

State of Florida Department of Environmental Protection Notice of Proposed Agency Action of Permit Application

The Department gives notice of its intent to issue a permit (File No. 39884-004-SE) to Manatee County, c/o Mr. Len Bramble, 4410 66th Street West, Bradenton, Florida 34210, who applied on April 4, 2000 to the Department of Environmental Protection for a permit to close approximately 60 acres of Stage I of the Lena Road Landfill, located at 3333 Lena Road, Bradenton, Manatee County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32389-3000, within fourteen (14) days of publication of this notice. A copy of the petition must also be mailed at the time of filing to the applicant at the address indicated. Failure to file a request for hearing within this time period shall constitute a waiver of any right; such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is pro-

posed; (b) A statement of how and when each petitioner received notice of Department's action, or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action, and (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by the decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the office of General Counsel at the above address of the Department.

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

The application 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 3804 Coconut Palm Drive, Tampa, FL 33619-8318.

7/11/00

**THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

June 27, 2000

In the matter of an
Application for Permit by:

-DEP File No. - 39884-004-SF
Manatee County

Manatee County
c/o Mr. Len Bramble
Director of Public Works
4410 - 66th Street West
Bradenton, FL 34210

INTENT TO ISSUE

The Department of Environmental Protection gives notice of its Intent to Issue a permit for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Manatee County, applied on April 4, 2000 to the Department of Environmental Protection for a permit to close approximately 60 acres of Stage I of the Lena Road Landfill, subject to the specific and general conditions attached, at 3333 Lena Road, Bradenton, Manatee County, Florida.

The Department has permitting jurisdiction under Sections 403.707 and 403.861, Florida Statutes (F.S.), and Chapters 62-4 and 62-701, Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a solid waste closure permit is required for the proposed work.

The Department intends to issue this permit based on its belief that reasonable assurances have been provided to indicate that the

U.S. Postal Service CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

Manatee County - Lena Road

Postage \$

Certified Fee \$

Return Receipt Fee
(Endorsement Required)

Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees \$

Postmark
Here

6-27-00

Name (Please Print Clearly) (to be completed by mailer)

Len Bramble

Street, Apt. No., or PO Box No.

4410 - 66th Street West

City, State, Zip+4

Bradenton, FL 34210

PS Form 3800, July 1999

See Reverse for Instructions

Intend To Issue # 39884-004-SF

SENDER: Lena Road Land G (P)

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Len Bramble
Manatee County
4410 - 66th Street West
Bradenton, FL 34210

4a. Article Number

7099 3400 0001 9758 7957

4b. Service Type

- ☐ Registered ☒ Certified
- ☐ Express Mail ☐ Insured
- ☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

6/29/00

5. Received By: (Print Name)

Helen Smith

6. Signature: (Addressee or Agent)

X Helen Smith

8. Addressee's Address (Only if requested and fee is paid)

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

D.E.P.
JUN 3 0 2000
Southwest District Tampa

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Tim Ford - Solid Waste

361941352



proposed project will not adversely impact water quality and the proposed project will comply with appropriate provisions of Chapters 62-4 and 62-701, F.A.C., subject to the specific conditions attached in the permit. Pursuant to Section 403.815, Florida Statutes, you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent in the legal ad section of a newspaper of general circulation in the area affected. Proof of publication must be provided to the Department within seven (7) days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit. The Department will issue the permit with the attached conditions unless petition for administrative proceeding (hearing) is filed pursuant to the provisions of Sections 120.569 and 120.57, Florida Statutes.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any other person must be filed within fourteen days of publication of the public notice or within fourteen days of receipt

of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any person may elect to pursue mediation by reaching a mediation agreement with all parties to the proceeding (which include the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing) and by showing how the substantial interests of each mediating party are affected by the Department's action or proposed action. The agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

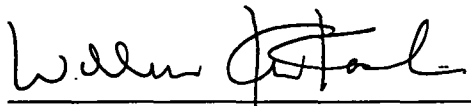
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement; and
- (g) Either an explanation of how the substantial interests of each mediating party will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that each party has already filed, and incorporating it by reference.
- (h) The signatures of all parties or their authorized representatives.

As provided in Section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such a modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above, and must therefore file their petitions within fourteen days of receipt of this notice of intent. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections

120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Deborah A. Getzoff
Director of District Management
Southwest District

DG/kbfb

Attachment

Copies furnished to:

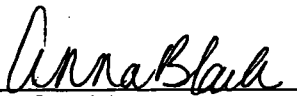
Fred Sebesta, P.E., HDR

 Robert Butera, P.E., FDEP Tampa

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this **NOTICE OF INTENT TO ISSUE** and all copies were mailed before the close of business on June 27, 2000 to the listed persons.
Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED,
on this date, pursuant to
Section 120.52(11), Florida Statutes,
with the designated Department Clerk,
receipt of which is hereby
acknowledged.


(Clerk)

6-27-00
(Date)

State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application

The Department gives notice of its intent to issue a permit (File No. 39884-004-SF) to Manatee County, c/o Mr. Len Bramble, 4410 - 66th Street West, Bradenton, Florida 34210, who applied on April 4, 2000 to the Department of Environmental Protection for a permit to close approximately 60 acres of Stage I of the Lena Road Landfill, located at 3333 Lena Road, Bradenton, Manatee County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. -The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within fourteen (14) days of publication of this notice. A copy of the petition must also be mailed at the time of filing to the applicant at the address indicated. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of Department's action, or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; and (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department.

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code. —

The application 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 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

RULES OF THE ADMINISTRATION COMMISSION, MODEL RULES OF PROCEDURE
CHAPTER 28-5, DECISIONS DETERMINING SUBSTANTIAL INTERESTS
PART II, FORMAL HEARINGS
A) PREHEARING PROCEDURES

28-5.201 Initial of Formal Proceedings.

(1) Initiation of formal proceedings shall be made by petition to the Agency responsible for rendering final Agency action. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced and indented.

(2) All petitions filed under these rules should contain:

(a) The name and address of each Agency affected and each Agency's file or identification number, if known;

(b) The name and address of the petitioner or petitioners, and an explanation of how his/her substantial interests will be affected by the Agency determination;

(c) A statement of when and how petitioner received notice of the Agency decision of intent to render a decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief to which the petitioner deems himself entitled; and

(g) Other information which the petitioner contends is material.

(3) Upon receipt of a petition for formal proceedings, the Agency shall either accept or deny the petition, and if accepted shall elect either to conduct the hearing itself through the Agency head, or member thereof, assign a person authorized by Subsection 120.57(1)(a) or other authority, or request that a Hearing Officer from the Division of Administrative Hearings be assigned to conduct the hearing.

(a) A petition may be denied if the petitioner does not state adequately a material factual allegation, such as a substantial interest in the Agency determination, or if the petition is untimely.

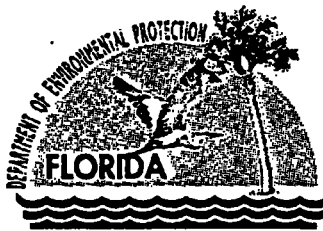
(b) The Agency shall promptly give written notice to all parties of the action taken on the petition, and shall state with particularity its reasons therefore.

(4) If the Agency elects to request that a Hearing Officer of the Division of Administrative Hearings be assigned to conduct the hearing, the Agency shall forward the petition, and all materials filed with the Agency, to the Division of Administrative hearings, and shall notify all parties of its action.

Specific Authority: 120.53(1), 120.54(10), F.S.

Law Implemented: 120.57, F.S.

History: New 3-23-80



Department of Environmental Protection

Jeb Bush
Governor — —

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Manatee County
c/o Mr. Len Bramble
Director of Public Works
4410 - 66th Street West
Bradenton, FL 34210

PERMIT/CERTIFICATION

GMS ID No: 4041C02025
Permit No: 39884-004-SF
Date of Issue:
Expiration Date: 01/15/2002
County: Manatee
Lat/Long: 27°28'00"N
82°27'00"W
Sec/Town/Rge: 1,6 & 31/34S/19E
Project: - Lena Road Landfill -
Stage I Closure

DRAFT

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 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 close approximately 60 acres of Stage I of the Lena Road Landfill, subject to the specific and general conditions attached, located at 3333 Lena Road, Bradenton, Manatee County, Florida. The specific conditions attached are for the partial closure of a:

1. Class I Landfill Disposal Facility - Stage I

General Information: The closure will connect to the previously closed areas and extend over the south and east portions of Stage I down to the perimeter slurry wall. Surface runoff will be collected by drain pipes discharging to the existing stormwater management system for Stage I. The closure will include extensions and connections to the recently completed gas control system.

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.

DRAFT

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.

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure.

GENERAL CONDITIONS:

DRAFT

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.

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.

DRAFT

GENERAL CONDITIONS:

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
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.

DRAFT

GENERAL CONDITIONS:

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.

16. In the case of an underground injection control permit, the following permit conditions also shall apply:

- (a) All reports or information required by the Department shall be certified as being true, accurate and complete.
- (b) Reports of compliance or noncompliance with, or any progress reports on, requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (c) Notification of any noncompliance which may endanger health or the environment shall be reported verbally to the Department within 24 hours and again within 72 hours, and a final written report provided within two weeks.
 - 1. The verbal reports shall contain any monitoring or other information which indicate that any contaminant may endanger an underground source of drinking water and any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.
 - 2. The written submission shall contain a description of and a discussion of the cause of the noncompliance and, if it has not been corrected, the anticipated time the noncompliance is expected to continue, the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance, and all information required by Rule 62-28.230(4)(b), F.A.C.
- (d) The Department shall be notified at least 180 days before conversion or abandonment of an injection well, unless abandonment within a lesser period of time is necessary to protect waters of the State.

DRAFT

GENERAL CONDITIONS:

17. The following conditions also shall apply to a hazardous waste facility permit.

- (a) The following reports shall be submitted to the Department:
 - 1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
 - 2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
 - 3. Biennial report. A Biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.
- (b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:
 - 1. A description and cause of the noncompliance.
 - 2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- (c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.
- (d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

DRAFT

SPECIFIC CONDITIONS:

1. **Permit Application Documentation.** This permit is valid for the Stage-I closure in accordance with the reports, plans and other information as follows:

- Application and supporting information received on April 4, 2000;
- Letter of response by HDR, with revised plan sheets and replacement pages received on June 2, 2000;

and in accordance with all applicable requirements of Department rules.

2. **Permit Modifications.** Any construction subject to Department Solid Waste regulations 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. Permits shall be modified in accordance with the requirements of 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.

3. **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, if necessary for continuing related activities, 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 F.A.C. 62-4.070(4).

4. **Construction Schedule and Progress Report.** No later than two (2) weeks after the pre-construction conference, the owner or operator shall submit a construction schedule which includes estimated dates for related solid waste construction activities 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. An updated construction schedule and progress chart shall be submitted to the Department monthly.

5. **Quality Assurance.** A construction quality assurance plan shall provide personnel with adequate information to achieve continuous compliance with the construction requirements. The plan shall include or refer to specifications and construction methods which use established engineering practices for construction and provide for quality control testing procedures and sampling frequencies, pursuant to F.A.C. 62-701.400(7) and (8). Sampling and testing shall be conducted by trained personnel during construction and after construction completion. Such personnel will be under the direction of the construction quality assurance professional engineer, to assure the project will comply with the standards. The engineer or his designee shall be on-site at all times during construction to monitor construction activities.

DRAFT

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill --
Stage I Closure

DRAFT

SPECIFIC CONDITIONS:

6. **Laboratory and Field Testing Requirements.** Field testing during the construction activities shall be conducted under the direct supervision of the Certifying Engineer or his designee representing the owner. A laboratory experienced in the testing of geosynthetics, independent of the liner manufacturer and installer, shall perform the required conformance testing and testing of seam shear and peel strength.

7. **Certification of Construction Completeness.** Within sixty (60) days after the specified construction has been completed, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the responsible professional engineer for the construction 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.

b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include, but not be limited to, details such as the as-built elevations of the liner system and completed final cover, ditches, and piping.

c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.

d. The engineer of record shall provide a report to verify conformance with the project specifications and applicable requirements of F.A.C. Rule 62-701.400(7) and (8). The report including all testing results for the entire project shall be submitted to the Department along with the completion of construction documents.

8. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the construction. Such control shall minimize the creation of nuisance conditions on adjoining property. If a complaint is received from the general public concerning activities regulated by this permit, and the Department personnel confirms that the complaint is based on a violation of the standards and criteria applicable to the permittee pursuant to this permit, then the permittee must take immediate corrective action to abate the violation.

DRAFT

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill --
Stage I Closure

DRAFT

SPECIFIC CONDITIONS:

9. **Facility Maintenance and Repair.** If there is any damage to any portion of the site facilities regulated by this permit or failure of any portion of the associated systems, and such damage or failure may adversely affect the continued compliance with this permit, then the permittee shall immediately (within 24 hours) notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department within seven (7) days following the occurrence.

10. **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.

11. **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.

12. **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, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

DRAFT

Deborah A. Getzoff
Director of District Management
Southwest District

PERMITTEE: Manatee County
c/o Mr. Len Bramble

PERMIT NO.: 39884-004-SF
Lena Road Landfill -
Stage I Closure

DRAFT

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	2 weeks after pre-construction conference	Submit construction schedule
4.	Monthly	Update construction schedule
7.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.

DRAFT



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.90(2)
Form Title Certification of Construction Completion
Effective Date May 19, 1994
DEP Application No. _____
(Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: _____ County: _____

Name of Project: _____

Name of Owner: _____

Name of Engineer: _____

Type of Project: _____

Cost: Estimate \$ _____ Actual \$ _____

Site Design: Quantity: _____ ton/day Site Acreage: _____ Acres

Deviations from Plans and Application Approved by DEP: _____

Address and Telephone No. of Site: _____

Name(s) of Site Supervisor: _____

Date Site inspection is requested: _____

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No.: _____ Dated: _____

Date: _____
Signature of Professional Engineer

WASTE MGT TAMPA SWD x:8137446125

** Transmit Conf. Report **

P.1

Jun 9 2000 14:44

Telephone Number	Mode	Start	Time	Pages	Result	Note
92822440	NORMAL	9,14:42	2'09"	8	* O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

6/9/00

Number of pages including cover sheet:

8

To:

FRED SCARASTIA

HON

Phone:

Fax phone:

2822440

CC:

From:

Ken Ford

Phone:

(813) 744-6100

X382

Fax phone:

(813) 744-6125

REMARKS:

☐

Urgent

☐

For your review

☐

Reply ASAP

☐

Please comment

COCOME

FEB

RECEIVED 7500

IS SUFFICIENT

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

6/9/00

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8

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X382

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☐

Urgent

☐

For your review

☐

Reply ASAP

☐

Please comment

ACOSME

FEE

RECEIVED 7500

IS SUFFICIENT

dr

Solid Waste Program
Permitting Application

New Site

Site Name:
Site Address:
County:
Type/Subcode:

Existing Site

Site ID:	39884-004
Project Name:	LENA RD. LF-STAGE I CLOSURE
Type/Subcode:	SF/01
Fee Submitted:	7500 <input checked="" type="checkbox"/> correct () incorrect
Fee Refund \$	Fee Request \$

Related Party

Role:	Applicant
Name:	LEN BRAMBLE
Company:	MANATEE COUNTY
Street:	4410 66th STREET WEST
City:	BRADENTON
Zip Code:	34210
Phone:	(941) 7928811

Distribution Date: _____

Fee Checked By: E FORD

Date: 4/5/00



8404 Indian Hills Drive
Omaha, Nebraska
68114-4049

038073

Date

3/31/00

Net Amount

*****7,500.00

Pay

Seven thousand five hundred and xx / 100 Dollars

To the
Order
Of

FLORIDA DEPARTMENT OF ENVIRON-
MENTAL PROTECTION - SW DISTRICT
3804 COCONUT PALM DR
TAMPA, FL 33619-8318
USA

Richard J. Ben
Henry L. Lacey

Two Signatures Required on Checks \$1,000 or Over



Havre, Montana 59401
24-Hour Banking 1-800-673-3555

⑈038073⑈ ⑆092904554⑆ ⑆50080646683⑈

VENDOR: 101957E
REMIT TO: FLORIDA DEPARTMENT OF ENVIRON-

HDR ENGINEERING, INC.
CHECK: 0000038073
COMMENT: DATE: 3/31/00

Invoice Number	Invoice Date	Voucher Number	Comment	Amount	Discount	Net Amount
v#45992	3/29/00	0000045992	blue-slip-am	7,500.00	0.00	7,500.00
<div style="text-align: center;">SW 4/4</div>						
TOTALS:				7,500.00	0.00	7,500.00

RECEIVED
APR 04 2000

Department of Environmental Protection
BY SOUTHWEST DISTRICT

April 4, 2000

Mr. Kim Ford, P.E.
Solid Waste Engineer
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RECEIVED
APR 04 2000
Department of Environmental Protection
SOUTHWEST DISTRICT

HDR

**RE: Manatee County
Lena Road Landfill
Partial Closure Number 2
Closure Permit Application
HDR Project Number: 07982-029-096**

Dear Mr. Ford:

HDR Engineering, Inc. has prepared and is submitting, on behalf of Manatee County, four copies of the Closure Permit Application Package for Partial Closure Number 2 at the Lena Road Landfill. Each application package includes a three ring binder including the application form and engineering report as well as a separate roll of drawings. Please also find enclosed HDR's check in the amount of \$7,500 for the application fee.

Note that we have revised the Construction Quality Assurance Plan slightly from the March 16, 2000 plan submitted in conjunction with construction of the road to the Southeast Regional Wastewater Treatment Plant. We have made the following changes:

1. Deleted the language relating to penetration of the slurry wall from Section 6.0 and added language to reflect the testing of force mains. We were able to do this because we have revised the utility relocation plan so we would not have to penetrate the slurry wall to maintain maintenance access to the force mains.
2. Expressed slope stability testing to Factor of Safety rather than friction angle in Sections 1.0 and 3.1.1.

Please call me if you have any questions or if we can provide further information.

Sincerely,

HDR ENGINEERING, INC.

Fred W. Sebesta
Fred W. Sebesta, P.E. 4/4/2000
Senior Project Manager

Enclosures

cc: Tim Hochuli
Len Bramble
Dan Gray
Gus DiFonzo
Mike Gore

\\TPANTAS1\WORD\MANATEE\PARTCLOS2\1371068.DOC

HDR Engineering, Inc.

Employee Owned

2202 N. Westshore Boulevard
Suite 250
Tampa, Florida
33607-5711

Telephone
813 282-2300
Fax
813 282-2430

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
PERMITTING APPLICATION PROJECT EVENT SUMMARY REPORT

07-JUN-00

Site Name: MANATEE CO. LENA ROAD CLASS I LF (LF1)
County: MANATEE

----- PROJECT -----

Permit Office: SWD (DISTRICT) CRA Reference #: 65279
Project #: 65279 Agency Action: Pending
Project name: LENA RD. LF-STAGE I CLOSURE Desc:
Type/Sub/Req: SF/01 / New Permit Application
Received: 04-APR-2000 Issued: Expires:
Fee: \$7500.00 Realized: \$7500.00 Dela: Override: NONE

----- PROJECT EVENTS -----

Event	Begin Date	Prd Due Date	Rmn Status	End Date
Receive Request	04-APR-2000	1 05-APR-2000	000 Done	04-APR-2000
Fee Verification	04-APR-2000	2 06-APR-2000	000 Sufficient Fee	05-APR-2000
Completeness Review	04-APR-2000	30 04-MAY-2000	000 Incomplete	03-MAY-2000
RESET CLOCK	03-MAY-2000	1 04-MAY-2000	000 Done	03-MAY-2000
Awaiting Additional Information	03-MAY-2000	45 17-JUN-2000	000 Received	02-JUN-2000
Completeness Review	02-JUN-2000	30 02-JUL-2000	025 Pending	
Publish Notice of Application	05-APR-2000	14 19-APR-2000	000 Done	25-MAY-2000
Return Proof of Publication of Notice of Application	25-MAY-2000	21 15-JUN-2000	000 Received	02-JUN-2000

perMits | Events | Payment | Site | Facility | party | Reports |

 Permitting Application

 SITE Permit

 Site Name: MANATEE_CO. LENA ROAD CLASS I LF (LF1) Site #: 0039884

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

 Project

 Permit #: - - - Project #:004 Received:04-APR-2000 CRA#:65279
 Permit Office: SWD (DISTRICT) Agency Action: Pending
 Project Name: LENA RD. LF-STAGE I CLOSURE Desc:
 Type/Sub/Des: SF /01 SANI. LANDFILL CLASS I - Closure COE #:
 Logged: 05-APR-2000 Issued: Expires: OGC:
 Fee: 7500.00 Fee Recd: 7500.00 Dele: Override: NONE

 Related Party

 Role: APPLICANT Begin: 05-APR-2000 End:
 Name: BRAMBLE, LEN Company: MANATEE_COUNTY_PUBLIC_WORKS
 Addr: 4422 66TH STREET WEST
 City: BRADENTON State: FL Zip: 34210- Country:
 Phone: 941-792-8811 Fax: 941-795-3490

 Processors

 Processor: FORD_K Y Active: 05-APR-2000 Inactive:

 Enter Project Name.
 Count: 1 ^ v <Replace>

AREA: SWD

Cash Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: \$7,500.00

SYS\$REMT: 379345 Type: CP Recvd Date: 04-APR-2000 Status: RECEIVED
SYS\$RCPT: 314386 PNR: Check #: 038073 Amount: 7,500.00
SSN/FEI#: Name: HDR_ENGINEERING, INC.
First: Middle: Title: Suf:
Address1: 8404 INDIAN HILLS DRIVE Short Comments:
Address2: S-SO/39884-004
City: OMAHA ST: NE Zip: 68114-4049 Country:

P A Y M E N T (S)

Distr	CL	Object	Payment	Reference#	Applic/	S
		Code/Description.....	Amount.....		Fund	T
SYS\$PAYT	Area..					A
398433	SWD	002246 SOLID WASTE-CLO	\$7,500.00	39884-004	PA PFTF	CO

COMMIT FREQUENTLY \$7,500.00 Payment total
Press <TAB> to accept Collection Point or enter F&A.
Count: *1

<Replace>

April 4, 2000

Mr. Kim Ford, P.E.
Solid Waste Engineer
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RECEIVED
APR 04 2000
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

HDR

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Lena Road Landfill
Partial Closure Number 2
Closure Permit Application
HDR Project Number: 07982-029-096**

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Fred W. Sebesta
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\\TPANTAS1\WORD\MANATEE\PARTCLOS2\51371068.DOC

HDR Engineering, Inc.

Employee Owned

2202 N. Westshore Boulevard
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40

June 2, 2000

Mr. Kim Ford, P.E.
Solid Waste Engineer
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D.E.P.
JUN 02 2000
Southwest District Tampa

HDR

**RE: Lena Road Landfill
Partial Closure Number 2
Pending Closure Permit Number 39884-004-SF
HDR Project Number: 07982-029-096**

Dear Mr. Ford:

We are responding to your May 3, 2000 comment letter regarding the Lena Road Landfill Closure Permit Application for Partial Closure Number 2. Please find the following enclosed items:

- ✓ 1. Copy of Public Notice and Proof of Publication
- 2. Revised Table of Contents for Closure Permit Application Package
- 3. Revised Section N (excluding Figures N-1, N-2, and N-3 located at the end of Section N) of the permit application form.
- 4. Revised Drawings C-1, C-3, C-8, C-9, C-12 and C-14.

We are providing the following responses keyed to your comment letter regarding the Lena Road Landfill Operation Permit Renewal Application.

The following information is needed in support of the solid waste applications [Chapters 62-711, Florida Administrative Code (F.A.C.)]. Please provide:

- ✓ 1. **Proof of publication of notice of application pursuant to Rule 62-110.106, see attached notice.**
A copy of the notice and proof of publication is enclosed.
- ✓ 2. **Certification of Construction Completion and other related documents required as part of the current gas control system construction permit #39884-002-SC. Sampling data is requested from the new system to demonstrate adequate performance.**

The Certificate of Construction Certification and accompanying documents were submitted to FDEP on May 25, 2000. Sampling data showing composition of collected gas was included with the submittal.

- ✓ 3. **62-701.600 (5) (e). Method to prevent erosion for closure activities during the rainy season.**

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HDR Engineering, Inc.

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Side slopes, reverse sloping benches and down slope drainage ways (underground pipes) as referenced in Rule 62-701.600(5)(e) are discussed in Part N 4 e. We have added the following language to Part N 4 e. in response to your comment:

Manatee County will try to avoid construction during the wet season. However, in the event such construction cannot be avoided, the contractor will be required to:

- Use temporary berms and ditches to divert surface water away from the construction area.
- Use hay bales and/or silt fences to slow water and filter sediment at appropriate intervals along any slopes.
- Install silt fences just up slope from surface water collection ditches and ponds to protect them from sedimentation.
- Clean silt fences and traps before silt reaches ½ height of the device. (See General Erosion & Sediment Control Note 9 on Drawing G-1.)
- Repair silt fences as needed.

✓
4. 62-701.600(5) (g). Maximum water vapor transmission rate of the geomembrane, and other material and compaction specifications.

The flexible membrane liner will be required to have a water vapor transmission rate of 2.4 g/(m² x day) or less as required by Rule 62-701.600(5) (g). The subbase will be compacted then proof rolled to assure maximum practical compaction under existing field conditions has been achieved. Protective and vegetative layers placed above the FML will not be compacted.

Part N 4 g has been modified to read:

The final cover for the second partial closure of Stage I of the Lena Road Landfill will include a 40-mil synthetic liner with a maximum water vapor transmission rate of 2.4 g/(m² x day) overlain with a geonet composite. Smooth liner will be used on the top deck while textured liner will be on the side slopes. The geonet composite is covered with 24 inches of top cover material. The side slopes of the landfill cover will be sodded to prevent erosion. The top deck of the landfill cover will be seeded and mulched for erosion protection. The final cover design is shown in the closure sections presented on Drawing C-8.

The subbase shall be compacted and proof rolled under observation of the Construction Observation Engineer to assure the maximum practical compaction under the existing field conditions has been achieved. No numerical compaction specification is provided because it is not necessary for stability of the subgrade and protection of the FML and because field conditions over the in-place fill will vary from day to day and location to location. Soils must be within a range of suitable moisture content that allows for compaction.

All soft soils identified during proof rolling shall be reworked or removed and backfilled with

suitable fill material and recompacted. Remove loose, wet, soft or frozen material and replace with approved material by the Construction Quality Assurance Engineer.

Protective and vegetative layers placed over the FML will be spread evenly but will not be compacted. Compaction of these materials could damage the FML and/or retard growth of vegetation over the final cover. Such compaction is not necessary for slope stability.

✓ 5. **62-701.610 (4). Name of professional engineer to provide certification of construction completion.**

Part O 3 of the permit application states:

A certification of closure construction completion, signed, dated and sealed by a professional engineer independent of the contractor will be provided to the Department upon completion of closure. All substantial deviations from the permitted closure plans will be noted.

We do not see where Rule 62-701.610 (4) requires the name of the professional engineer who will provide the certificate of construction completion, so we have not revised Section O of the permit application.

✓ While present plans call for Fred Sebesta, P.E., with HDR Engineering, Inc., to certify the construction completion, both HDR and Manatee County reserve the right to have another qualified professional engineer provide these services if such a change is advisable.

✓ 6. **Site plan revisions or clarifications for the following items:**

- ✓ • **Sheets C-8 and C-9 – How will water be removed as it accumulates in liner dips under existing pipes in low points?**

Sheet C-8:

The pipe shown on "Terrace Section (Typ.)" is a perforated pipe through which water flowing in the geonet will flow to the area inlets and into the down slope drainage pipes. We have revised this figure to show the liner straight under the perforated pipe. See Drawing C-12, "Terrace Pipe Bedding and Subsurface Drain" detail as well as the "Catch Basin Isometric" for clarification. We have labeled this pipe for clarity on Sheet C-8.

Sheet C-9:

Cross Section A on Drawing C-9 shows a liner dip under a landfill gas lateral. These laterals are oriented up and down the slope. Water in the geonet will flow down the slope until intercepted by perforated pipe through which it can flow to a catch basin.

The "Gas Header in Composite Cover Detail" on Drawing C-9 shows a 5% minimum slope on the FML and geonet composite to allow for drainage.

- **Sheet C-12 – Underdrain for stormwater only is not located above top liner to prevent leachate migration into stormwater inlets.**

The FML was not shown under the geonet composite in some of the figures on Drawing C-12. The FML has been added to these figures where it was missing.

FML has also been shown under the geonet composite and perforated pipe on the "Terrace Pipe Bedding and Subsurface Drain Detail" as well as the corresponding cross section on Drawing C-12.

- **Sheet C-16 – Elevations for end of each pipe discharge into ponds not shown. Will these discharge points be located above high water elevations to allow for visual inspection?**

These force main discharge points will be located above design high water elevation.

We have made the following revisions that are not in response to Department comments:

1. Adjusted the location of the soil-bentonite cut-off wall on Drawings C-1 and C-3 according to survey data obtained after our initial submittal.
2. We have indicated on Drawing C-3 that the anchor trench should slope toward three toe drain outfalls which will carry water from the anchor trench to the surface water drainage ditches or storm water pond. We have also added details of these toe drains to Drawing C-12. The toe drain pipes will outfall next to outfall location numbers 1, 2 and 3 as shown on Drawing C-3.
3. The following modifications were made to Drawings C-1 and C-3 to allow enough room for the 48-inch pipe between structure B-4 and B-5 to cross over the soil-bentonite cut-off wall without encroaching on it.
 - Raised some grate elevations and some invert elevations for drainage structures A-4, B-3, B-4 and B-5 by five feet.
 - Raised surface elevations (contours 40 and 45 NGVD) along the west side of the landfill near these structures.
4. Numbered the three stormwater outfalls on Drawing C-3 for clarity and revised the elevation of the typical stormwater outfall on sheet C-14 to allow for these pipes to cross over the top of the soil-bentonite cut-off wall without encroaching on it.

Outfalls #2 and #3 have been relocated to discharge above design high water.

Outfall #1 does not cross over the soil-bentonite cut-off wall. It is located at an existing discharge point which must be preserved for existing systems to work correctly This discharge point is below

Mr. Kim Ford, P.E.
June 2, 2000
Page 5

design high water, but should present no problem for the following reasons:

- The force the water will have when it reaches the pond inlet will help keep any debris away from the inlet.
- There is a catch basin just upstream of the outfall through which water flow can be observed so any plugging can be identified.
- The ponds are only a few feet deep, so if inspection becomes absolutely necessary or desirable, a person in hip waders can easily access the ends of the inlet pipes and probe for any obstructions with a pole.

Please call me at (813) 282-2402 with any comments or questions.

Sincerely,

HDR ENGINEERING, INC.

Fred W. Sebesta
Fred W. Sebesta, P.E. 6/2/2000
Senior Project Manager

Enclosures

cc: Tim Hochuli
Len Bramble (cover letter only)
Dan Gray (cover letter only)
Gus DiFonzo (cover letter only)
Mike Gore (cover letter only)
Bob Butera (cover letter only)
Bill Embree (cover letter only)

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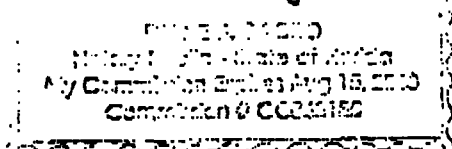
**STATE OF FLORIDA
COUNTY OF MANATEE;**

Before the undersigned authority personally appeared Linda Wells, who on oath says that she is a Legal Advertising Representative of the Bradenton Herald, a daily newspaper published at Bradenton in Manatee County, Florida; that the attached copy of the advertisement, being a Legal Advertisement in the matter of NOTICE OF APPLICATION in the Court, was published in said newspaper in the issues of 5/25, '00.

Affiant further says that the said publication is a newspaper published at Bradenton, in said Manatee County, Florida, and that the said newspaper has heretofore been continuously published in said Manatee County, Florida, each day and has been entered as second-class mail matter at the post office in Bradenton, in said Manatee County, Florida for a period of 1 year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.


(Signature of Affiant)

Sworn to and subscribed before me this
25th Day of May, 2000




SEAL & Notary Public

Personally Known X OR Produced Identification _____
Type of Identification Produced _____

State of Florida
Department of
Environmental Protection
Notice of Application
The Department
announces receipt of appli-
cation for permit from
Manatee County Public
Works for final closure of a
portion of a solid waste land-
fill subject to Department
Rules. This facility, the exist-
ing Lena Road Landfill is
located at 3333 Lena Road,
Bradenton, one mile east of
I-75 and south of S.R. 64,
Manatee 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,
3804 Coconut Palm Drive,
Tampa, FL 33618-6318.
5/25, '00

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PART N. LANDFILL CLOSURE REQUIREMENTS

1. CLOSURE SCHEDULE

a. Written Notice

The County officially noticed the FDEP December 31, 1997 in the Lena Road Landfill Operation Permit Renewal Application, Part K, of the intent to perform the partial closure of the landfill as identified in this permit application. It is estimated that the Lena Road Landfill will reach its final design capacity and undergo final closure in approximately 30 years. One year prior to the projected date of final receipt of wastes, Manatee County will submit to the FDEP a written notice in compliance with 62-701.600(2) FAC. This notice will include a schedule for cessation of waste acceptance and closure of the landfill. If unforeseen circumstances do not allow a one-year notification, the County will provide written notice to the FDEP as soon as the need to close the landfill becomes apparent.

b. Notice to User

It is estimated that the Lena Road Landfill has approximately 30 years of life remaining. At least 120 days prior to the date of final receipt of wastes, Manatee County will advise users of the intent to close the landfill by posting signs at the entrance of the landfill. The signs will give the closing date, the person responsible for closing and the location of alternative disposal facilities. These signs will be maintained throughout the closure period. If unforeseen circumstances do not allow the 120-day notification, the County will provide written notices to the FDEP as soon as the need to close the landfill becomes apparent.

c. Notice to Public

Within ten days prior to the date of final receipt of waste, Manatee County will publish a notice of the landfill closing in the legal advertising section of a newspaper of general circulation in the County. The County will also provide proof of publication to the FDEP within seven days of publication.

2. CLOSURE PERMIT GENERAL REQUIREMENTS

a. Application

This document, containing a closure plan, constitutes application to the FDEP on Form 62-701.900(1) complying with 62-701.600(3)(a) FAC. This document will be submitted at least 90 days before the date when wastes will no longer be accepted.

b. Contents

This closure plan includes the following:

- (1) Closure report, contained in Part N – Item N.3.
- (2) Closure design plan, contained in Part N – Item N.4.
- (3) Closure operation plan, contained in Part N – Item N.5.
- (4) Closure procedures, contained in Part O.
- (5) Plan for long term care, contained in Part P.
- (6) Demonstration of proof of financial responsibility for long term care, contained in Part Q.

3. CLOSURE REPORT REQUIREMENTS

a. General Information

1. The Lena Road Landfill identification is provided in Part A and Part B of this application.
2. Drawing Number 1A in Appendix B of the Lena Road Landfill Operation Permit Renewal Application provides the location of the Lena Road Landfill within Manatee County. The surrounding land use in the vicinity of the Lena Road Landfill is presented in Drawing Number 1C of that same document. Figure E-1 of the Lena Road Landfill Operation Permit Renewal Application shows that there are no airports within a five-mile radius of the Lena Road Landfill.
3. Manatee County owns approximately 1,200 acres designated for landfill operations, buffer area, wetland mitigation, storm water storage and wastewater treatment. Approximately 339 acres are permitted by the FDEP for landfill operations. Approximately 58 acres of the landfill are being closed under this application.
4. The legal description and property boundaries for the Lena Road Landfill are presented in Drawing Number 3 in Appendix B of the Lena Road Landfill Operation Permit Renewal Application.
5. Background and History of the Landfill

The Lena Road Landfill is located on Lena Road in Section 31, Township 34 South, Range 19 East and Sections 6 and 7, Township 35 South, Range 19 East. The Lena Road Landfill consists of three stages of operation. Stage I is the existing 150-acre operating landfill area. Stage II is the 118-acre landfill expansion area north of the existing operating landfill. No material has been landfilled within the Stage II area. The 71-acre Stage III is located west of the Stage I area and includes the presently inactive Gun

Club Landfill. Approximately 58 acres of Stage I are being closed under this permit application.

Based on conversations with landfill operators, filling began in the area that is now referred to as Stage III about 1968 and continued until approximately 1976. Waste types are thought to be predominately yard waste and C&D. Gas generation records indicate filling began in Stage I in 1978 and continues at this time.

Between August 29, 1985 and September 22, 1989, slurry walls were installed around each of the three stages of the Lena Road Landfill. Stage I slurry wall construction occurred between August and November 1985. Stage II slurry wall construction occurred between June and August 1989 while the Stage III slurry wall construction occurred between August and September 1989.

6. Identification of Types of Wastes Disposed of at the Landfill

The majority of the waste disposed in the Lena Road Landfill is from residential and commercial sources. Other types of waste received at the facility have included:

- Agricultural wastes
- Shredded/cut tires
- Incineration ash (Air Curtain)
- Water treatment sludge
- Air treatment sludge
- Asbestos
- Construction and demolition (C&D) debris
- Yard trash
- Septic tank sludge
- Industrial waste
- Industrial sludge
- Domestic sludge

b. Geotechnical Investigation Report and Water Quality Monitoring Plan

Please refer to the Ardaman report entitled "Hydrogeological Investigation, Existing Lena Road Landfill, Manatee County, Florida" dated January 26, 1983. This report contains the geotechnical and hydrogeological investigations at the site.

The water quality and leachate monitoring plan is located in Part L of the Lena Road Landfill Operation Permit Renewal Application (December 1997).

c. Land Use Information

The land use information showing adjacent land use and zoning is shown on Drawing Number 1D in the Lena Road Landfill Operation Permit Renewal Application. Adjacent landowners, roads, highways, right-of-ways and easements are shown on Figure N1 of this document.

d. Landfill Gas Migration

Monitoring for landfill gas migration is conducted quarterly at 18 gas monitoring wells and 8 gas monitoring points (located inside structures). All gas migration wells and points are located outside the Stage I slurry wall as shown in Figure K-3 of the Lena Road Landfill Operation Permit Renewal Application submitted in December 1997. The monitoring wells and points are measured for the percent of the lower explosive limit (LEL), methane, carbon dioxide, oxygen, and balance gases. With the presence of the slurry wall and surrounding pond, gas migration beyond the property line is extremely unlikely. Quarterly gas migration monitoring will continue in accordance with Chapter 62-701.400 FAC.

If methane levels exceed 25 percent LEL in a structure, the structure will be evacuated and ventilated immediately. The FDEP will be notified immediately of any elevated methane concentrations. Within seven days of detection, the County will submit a remediation plan for approval for any elevated gas concentrations. This plan shall describe the nature and extent of the problem and proposed remedy. Within 60 days, the proposed plan will be implemented unless otherwise directed by the FDEP.

e. Assessment of the Effectiveness of Landfill Design and Operation

The Lena Road Landfill design and operation appears to be working effectively to properly manage solid waste without endangering the environment.

The landfill consists of three stages of operation. Sheet G-2 of the Partial Closure Number 2 Construction Plans presents the location of these three stages.

The storm water system for the Lena Road Landfill consists of three separate and distinct subsystems. These subsystems are directly related to the Stage of landfill operations that they serve. For the purpose of this closure permit application only the storm water system associated with the Stage I landfill operation is discussed. The storm water system for Stage I is working properly to route off-site storm water from the landfill, while keeping it separate from the precipitation that falls on the working face of the landfill.

Storm water from Stage I flows into a perimeter ditch system. The ditch system drains to an 8-acre, 40 acre-feet storm water detention pond. The pond is located at the southwest corner of Stage I. Storm water enters the ditch system via direct rainfall, sheet flow down the outside slopes of the landfill, and from drop inlets which drain runoff from the side slopes. The storm water pond discharges to the cypress strand that flows into Gates Creek. Prior to discharge storm water flows through a sand filter.

The leachate management system is working properly to collect and monitor leachate generated at the Lena Road Landfill. The Stage I Leachate Collection and Removal System (LCRS) is a perimeter pipe around Stage I. The pipe is approximately 10 to 15 feet inside the perimeter slurry wall. The collected leachate is pumped to a leachate storage pond and then pumped to the adjacent wastewater treatment plant. To maintain the proper gradient across the slurry wall, the leachate level is kept (by pumping) at least 1 foot lower than the groundwater level outside the slurry wall.

Four force mains are used to transfer leachate that are located on the landfill side of the slurry wall on the west and south sides of the partial closure area. Three of these force mains (two 6-inch PVC, one 8-inch PVC) are used to transfer leachate from the leachate collection systems in each stage of the landfill to the detention area at the southern end of Stage I. The fourth (10-inch PVC) was constructed to carry leachate from the retention pond to the leachate irrigation system. Since this irrigation system is not in use, the 10-inch force main will be abandoned in place. The remaining three force mains (6-inch from Stage I, 8-inch from Stage II, 6-inch from Stage III) will be routed above the liner in close proximity to the existing 18-inch landfill gas collection header to preserve easy access to them for maintenance purposes. The sections of force main being relocated above the liner will be constructed of HDPE pipe installed in granular bedding compacted to 85 to 95% of Modified Proctor to provide increased resistance against damage from landfill maintenance traffic.

All three force mains will be routed to the leachate detention pond at the south end of Stage I. However, the 8-inch force main from Stage II will be constructed with a second discharge into the stormwater pond next to the leachate pond. The discharge into the leachate pond will initially be blocked off with a blind flange with the discharge into the stormwater pond, which will also be constructed with a flange that will be left open. This will allow the groundwater being pumped from Stage II to be treated as stormwater until waste is placed into Stage II. At that time, the block off plate will be moved from the leachate discharge point to the stormwater discharge point, forcing the water pumped from Stage II to be treated as leachate. The relocation of these lines is shown on Drawing C-16.

The following procedure will ensure that this penetration is made in an environmentally safe manner.

1. Except for connecting to the existing pipe, these piping changes are expected to be accomplished without dewatering. Any leachate pumped for dewatering purposes will be discharged to the leachate pond.
2. The force mains can remain in operation until the new piping is installed and is ready to be connected to the existing force mains. Then the individual lift stations will be shut off for a very short time while each new force main is connected to the existing force main using proper fittings to join the two types of pipe.

The gas collection and control system is operational. The gas collection and management system in Stage I will be retrofitted for the closed areas. The new system includes a combination of horizontal and vertical gas collection wells, collection header and lateral piping installed within the final cover, and a candlestick flare used to destroy NMOCs. The existing gas collection in Stage I and the flare system are fully operational. The gas collection system is comprised of sixty-one, (61) vertical wells and fourteen, (14) horizontal wells that have control valves at each end. Therefore, there are eighty-nine, (89) discrete gas collection control points to regulate the collection of LFG. The system also includes a series of laterals, headers, candlestick flare to control NMOC's, and condensate knockout stations. Landfill gas monitoring is performed on a monthly basis at each well head and the flare, whereby gas extraction quality is measured. These measurements include temperature, static pressure, O₂, CH₄, CO₂, balance gases, and flow rate. Monitoring of surface emissions is performed on a quarterly basis for CH₄.

The final landfill gas collection system for Stage I will include all sixty-one (61) existing vertical wells, all fourteen (14) horizontal wells, and forty-two (42) new vertical wells. This configuration results in one hundred thirty one, (131) control points, since each horizontal well has a control valve at each end. Prior to final cover, additional waste will be added in some areas where landfill gas collection wells have already been installed. In these instances, the existing vertical and horizontal wells will be extended to match final cover contours. Figures N2 and N3 illustrate how these wells will be configured after final cover and the necessary modifications required in the interim. Basically, the existing well and its associated collection lateral will remain active while the area is filled with waste. This will be accomplished in two steps by extending the existing well head at the flange connection and extending its connection to the lateral with temporary piping. At the time of final closure both the lateral and interconnecting piping will be retired in place and physically disconnected from the active gas collection system. The existing horizontal wells will be used as the sole collection device on the South and West side slopes of Stage I since their radius of influence for gas collection extends to the base of the landfill. New vertical wells will be used in conjunction with the existing horizontal wells on the top of the landfill for gas collection to ensure adequate collection of gas throughout the deepest parts of the landfill. All laterals and headers will be placed above the geonet liner and within the cover soil. The landfill gas will be transported via an existing eighteen, (18) inch header to the facilities candlestick flare. The existing condensate knockout stations will be used to collect condensate and direct it to the current leachate system.

The landfill gas collection system is illustrated on Drawings C-4 through C-6 and Drawings C-9 and C-10. The types of waste accepted at the Lena Road Landfill and the results of the geotechnical investigation are discussed above in Part N.3.a and N.3.b, respectively.

4. CLOSURE DESIGN REQUIREMENTS

a. Phases of Site Closing

Closure of the landfill will occur in phases. This Closure Permit Application is for the second partial closure of Stage I that consists of approximately 58 acres. Sheet G-2 of the Partial Closure Number 2 Construction Plans presents the area closed during the first partial closure and the area designated for closure during this second partial closure.

b. Existing Topography and Proposed Final Grades

Sheets C-2 and C-3 of the Partial Closure Number 2 Construction Plans present the existing and proposed final contours for the north and south portions of the landfill site, respectively.

c. Provisions to Close Units at Planned Intervals

The Closure Permit Application is for the second partial closure of Stage I. This area, which is reaching final design elevations, is defined as a partial closure area in the Fill Sequence Plan approved by FDEP. The landfill facility has an estimated remaining life of approximately 30 years.

d. Final Elevation Before Settlement

Final elevation, before settlement, is based on the capabilities of the foundation to support the total weight of the landfill sectors, including water loading. Final elevation including final cover will reach 135 feet NGVD.

e. Side Slope Design

The proposed side slopes for the second partial closure of Stage I are between 4 and 5H:1V. These side slopes are approximately the same as those previously constructed for the first partial closure of Stage I. Sheet C-8 of the Partial Closure Number 2 Construction Plans illustrates the liner details for the second partial closure of Stage I.

The proposed new construction consists of 20 feet wide reverse terraces at approximately 110 feet, 90 feet and 60 feet NGVD. Each terrace has a swale at the toe of the slope to capture and convey runoff to catch basins and flashboard risers at non-erosive velocities (less than 5 ft/sec). Concrete inlets and spillways are used to dissipate energy and prevent erosion at outfall points into the stormwater pond and perimeter ditch serving Stage I.

Manatee County will try to avoid construction during the wet season. However, in the event such construction cannot be avoided, the contractor will be required to:

- Use temporary berms and ditches to divert surface water away from the construction area.

- Use hay bales and/or silt fences to slow water and filter sediment at appropriate intervals along any slopes.
- Install silt fences just up slope from surface water collection ditches and ponds to protect them from sedimentation.
- Clean silt fences and traps before silt reaches ½ height of the device. (See General Erosion & Sediment Control Note 9 on Drawing G-1.)
- Repair silt fences as needed.

Further erosion and sediment control notes are located on Sheet G-1 of the Partial Closure Number 2 Construction Plans.

f. Final Cover Installation Plans

The actual sequence of the final cover installation is a responsibility of the contractor selected to complete the work since the contractor is best suited to determine the most economic sequence of construction. In general, the sequence typically follows a similar path:

- 1) Strip existing cover and begin rough grading.
- 2) Begin gas well installation.
- 3) Place below-liner bedding soil.
- 4) Begin placing the liner.
- 5) After liner QA/QC tests are completed, place the geonet composite.
- 6) Begin placing protective cover
- 7) Install gas and drainage piping
- 8) Seed and sod.

Liner testing done in step 5 of the sequence will be performed in accordance with the Construction Quality Assurance (CQA) plan attached in Appendix A. Cover material for step 6 will consist of on-site soils. If additional borrow is required, the contractor will provide suitable material from an off-site source. Seeding and/or sodding performed in step 8 will consist of drought-resistant species such as a Bahia Argentina or Pensacola Bahia. A seeding and sodding plan is shown on Drawing C-7.

The gas and drainage piping were designed for the existing closed area so that the existing liner would not be cut in order to place the piping. The piping in this area will be slightly elevated and mounded with soil to avoid liner cuts. Proposed grading for the top of the landfill is slightly greater than 4% to maximize runoff and minimize erosion.

g. Final Cover Design

The final cover for the second partial closure of Stage I of the Lena Road Landfill will include a 40-mil synthetic liner with a maximum water vapor transmission rate of 2.4 g/(m² x day) overlain with a geonet composite. Smooth liner will be used on the top deck while textured liner will be on the side slopes. The geonet composite is covered with 24 inches of top cover material. The side slopes of the landfill cover will be sodded to prevent erosion. The top deck of the landfill cover will be seeded and mulched for erosion protection. The final cover design is shown in the closure sections presented on Drawing C-8.

The subbase shall be compacted and proof rolled under observation of the Construction Observation Engineer to assure the maximum practical compaction under the existing field conditions has been achieved. No numerical compaction specification is provided because it is not necessary for stability of the subgrade and protection of the FML and because field conditions over the in-place fill will vary from day to day and location to location. Soils must be within a range of suitable moisture content that allows for compaction.

All soft soils identified during proof rolling shall be reworked or removed and backfilled with suitable fill material and recompacted. Remove loose, wet, soft or frozen material and replace with approved material by the Construction Quality Assurance Engineer.

Protective and vegetative layers placed over the FML will be spread evenly but will not be compacted. Compaction of these materials could damage the FML and/or retard growth of vegetation over the final cover. Such compaction is not necessary for slope stability.

h. Proposed Method of Storm Water Control

The storm water management system for Stage I of the Lena Road Landfill is described above in N.3.e. Sheets C-2 and C-3 of the Partial Closure 2 Construction Plans present the storm water management plan. Details are shown on Drawings C-11 through C-15. Additional information can be found in the Operation Plan located in Appendix A of the Lena Road Landfill Operation Permit Renewal Application. Note that drainage from existing terraces in the Phase I partial closure area will be modified as shown on Drawings C-2, C-3 and C-15.

i. Proposed Method of Access Control

Access to the landfill is controlled by a six-foot high chain link fence along the entrance of the landfill and a barbed-wire fence around the remainder of the site. The access gates are locked at the end of each business day.

j. Proposed Final Use of the Landfill Property

No final use of the closed landfill is proposed.

5. CLOSURE OPERATION PLAN

a. Actions Which Will be Taken to Close the Landfill

This permit application is for the second partial closure of Stage I of the Lena Road Landfill. It is estimated that the landfill has approximately 30 years of remaining capacity and therefore this subsection is not applicable at this time.

b. Time Schedule for Completion of Closure and Long-Term Care

It is estimated that the Lena Road Landfill has approximately 30 years of remaining capacity. The long-term care period for the Lena Road Landfill is 30 years.

Thus, a final closure and long-term care schedule is not provided at this time. However, the following schedule is provided for the partial closure project addressed by this permit application. This schedule was developed after discussing the project with several contractors having experience with landfill closure construction. It is believed that the most effective closure project will be obtained with a construction time of 240 days as represented in the schedule below.

It is anticipated that the last waste will be disposed of in the partial closure area covered by this permit application on October 2, 2000. It is further anticipated that the following activities will be completed by the dates indicated below:

Activity	Date
1. Submittal of Closure Permit Application to FDEP	April 4, 2000
2. Advertising of Bid	May 5, 2000
3. Receipt of Bids	June 5, 2000
4. Bid Award	October 3, 2000
5. Receipt of Closure Permit from FDEP	October 4, 2000
6. Last Waste Disposed of in Partial Closure Area	October 16, 2000
7. Issuance of Notice to Proceed to Contractor	October 20, 2000
8. Partial Closure Construction Substantial Completion	May 14, 2001
9. Partial Closure Construction Final Completion	June 13, 2001
10. Certification of Partial Closure Construction	June 25, 2001
11. FDEP Inspection of Partial Closure Construction	July 25, 2001

This construction time frame was addressed in a November 16, 1999 letter to Kim Ford. His faxed reply indicated that the 240-calendar day construction period as represented by the final disposal date of October 2, 2000 and the final completion date of May 30, 2001 would be acceptable. Note that this schedule is based upon the final disposal date of October 2, 2000. If the landfill does not reach final elevation on that date, items 5-11 on the disposal schedule above will be adjusted accordingly.

c. Financial Responsibility

Financial responsibility for the Lena Road Landfill is discussed in Part Q of this permit application.

d. Additional Equipment and Personnel Needed to Complete Closure

Any additional equipment and/or personnel needed to complete the closure being proposed in this permit application will be supplied through the chosen contractor.

e. Development and Implementation of the Water Quality Monitoring Plan

A description of the water quality monitoring efforts being conducted at the Lena Road Landfill are included in Part L of the Lena Road Landfill Operation Permit Renewal Application. Additional information can also be found in the Stormwater/Leachate Management Plan located in Appendix A-1 of that same document.

f. Development and Implementation of Routine Gas Monitoring Program

Landfill gas migration monitoring is conducted quarterly in accordance with Chapter 62-701.400(10). The monitoring wells and monitoring points are shown in Figure K-3 of the Operation Permit Renewal Application filed in December 1997. No additional landfill gas migration monitoring wells are proposed. If methane levels exceed 25 percent LEL in a monitoring well adjacent to a structure, daily measurements inside the structure shall commence. If methane levels exceed 25 percent LEL in a structure, the structure will be evacuated and ventilated immediately. The FDEP will be notified immediately of any elevated methane concentrations. Within seven days of detection, the County will submit a remediation plan for approval for any elevated gas concentrations. This plan shall describe the nature and extent of the problem and proposed remedy. Within 60 days, the proposed plan will be implemented unless otherwise directed by the FDEP.

In addition, gas collection system monitoring is performed on a monthly basis at each well head and the flare, whereby gas extraction quality is measured. These measurements include temperature, static pressure, O₂, CH₄, CO₂, balance gases, and flow rate. Monitoring of surface emissions is performed on a quarterly basis for CH₄. The gas collection system is described in further detail in Part N.3.e.

6. **PROCEDURES FOR TEMPORARY CLOSURE**

This Closure Permit Application is for the second partial closure of Stage I. Temporary closures are not planned at this facility.



May 25, 2000

Mr. Kim Ford
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

D.E.P.
MAY 26 2000
Southwest District Tampa

Subject: Manatee County -Lena Road Landfill, Gas Collection System Assessment

Dear Mr. Ford,

Pursuant to the FLDEP Permit #39884-002-SC this correspondence serves as the report assessing the effectiveness of the recently installed landfill gas collection system at the subject location. As noted in the Certification of Construction Completion, FLDEP form # 62-701.900(2) the system was functionally installed in accordance with the original plans submitted to the DEP. Only minor field changes were necessary to accommodate specific site conditions. The attached copies of the Record Drawings reflect final as-built conditions and identify all changes.

Since the system was not functionally modified, all original design collection calculations have remained constant. Also attached to this correspondence is the monitoring data for all wellheads and a letter submitted to the FLDEP documenting the results of surface emissions monitoring, both key indicators of the gas collection system's effectiveness.

From a mechanical perspective, minor operational problems were observed with the flare, most of which were corrected via immediate operational intervention. Two physical changes were required since the original installation, 1) drilling of weep holes in the flame scanner support housing to allow water to drain, and 2) replacement of a short section of air piping from HDPE to carbon steel to protect it from impact damage. As a matter of good Operation and Maintenance practice, the gas collection technician routinely inspects all wellhead mechanical joints during gas monitoring activities and tightens said joints, as necessary.

The gas collection system is functioning as intended, and weekly adjustments continue to be made to optimize extraction of landfill gas from the system and to minimize surface emissions. As the data indicates, during the first few months of operation the production and extraction of landfill gas was extremely dynamic requiring significant adjustment of the wellheads to maintain control. Presently, only minor tuning of the wellheads is required to optimize the vertical and horizontal wells. As would be expected, the gas production from the deeper parts of the landfill is generally greater than that of the wells located at the toe of the landfill. Currently, the system is collected ~1500scfm of landfill gas from Stage I, having a methane concentration of approximately 48% - 49%. All other gas concentrations and characteristics are within limits.

HDR Engineering, Inc.

Employee Owned

2202 N. Westshore Boulevard
Suite 250
Tampa, Florida
33607-5755

Telephone
813 282-2300
Fax
813 282-2430

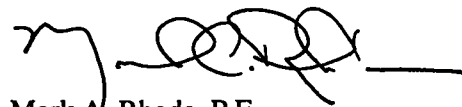
Mr. Kim Ford
May 25, 2000
Page 2

Most importantly, the gas collection system has maintained surface emissions to well within the permitted limit of 500ppm. The first quarterly surface emission monitoring test was conducted on March 16, 2000 and reported in correspondence to the Department on April 10, 2000. Aside from the quarterly requirement, the gas collection system technician reports suspicious or apparent distressed areas to the Gas Collection, Project Manager for immediate resolution, rather than waiting for the required surface emission monitoring requirement. Accordingly, surface emissions are controlled between required tests based upon visual observations.

In summary, the system is performing as designed and maintaining compliance with all requirements and applicable guidelines, which govern operation of landfill gas collection systems within the State of Florida. If you require additional information or have questions, comments or concerns regarding this matter, please contact me at your earliest convenience.

Sincerely,

HDR ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Mark A. Rhode', followed by a horizontal line.

Mark A. Rhode, P.E.
Project Manager

attachments

Xc: Len Bramble, Public Works Director
Mike Gore, Manatee County Operations
Tim Hochuli, Manatee Projects Engineer
Bill Embree, HDR
File



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(2)
Form Title <u>Certification of Construction Completion</u>
Effective Date <u>May 19, 1994</u>
DEP Application No. _____ (Filed by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEP Construction Permit No: 39884-002-SC County: Manatee

Name of Project: Lena Road Landfill Gas Collection

Name of Owner: Manatee County

Name of Engineer: HDR Engineering, Inc.

Type of Project: Landfill Gas Collection System

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 26 2000

SOUTHWEST DISTRICT
TAMPA

Cost: Estimate \$ 994,765.00

Actual \$ 1,614,881.00

Site Design: Quantity: 1,300 ton/day Site Acreage: 339 Acres

Deviations from Plans and Application Approved by DEP: Minor changes to location of
piping and valves, etc. which are noted on RECORD DRAWINGS

COPY

Address and Telephone No. of Site: 3333 Lena Road, Bradenton, Florida 34202

Name(s) of Site Supervisor: Len Bramble, P.E.

Date Site inspection is requested: TBD by FLDEP

This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No. 39884-002-SC

Dated: 07/31/98

Date: May 25, 2000

Fred W. Sebesta
Signature of Professional Engineer
STATE OF
FLORIDA
REGISTERED ENGINEER

Page 1 of 1



April 10, 2000

Mr. Joseph Cox
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

Subject: Manatee County -Lena Road Landfill, Surface Emission Monitoring

Dear Mr. Cox,

Pursuant to 40 CFR 60.753 (d) and F.A.C. 62-204.800, as referenced in the Title V Permit #0810055-001AV for the subject landfill, HDR engineering performed the required quarterly surface emission monitoring on March 16, 2000. The results of the monitoring showed that the entire area monitored was < 500ppm. The active landfill area as denoted on the attached sketch was not monitored due to personnel safety issues. The 30 meter grid system used for the monitoring is also provided on the same sketch. Some of the salient data obtained from the testing was,

Test Date & Time: Thursday, March 16, 2000 between 8:00am - 4:15pm

Atmospheric Conditions: ~ 70F, sunny with easterly winds @ 5-10mph

Instrument: Foxboro - Century® OVA 128 Portable Organic Vapor Analyzer

Grid Size: 30 meters square

Background: < 2ppm

Based upon discussions with your department, it is our understanding that a D.E.P. form is not currently available. If you require additional information or have questions, comments or concerns regarding this matter, please contact me at your earliest convenience.

Sincerely,

Mark A. Rhode, P.E.
Project Manager

attachment

Xc: Len Bramble, Public Works Director
Mike Gore, Manatee County Operations
Bill Embree, HDR
File

HDR Engineering, Inc.

Employee Owned

2202 N. Westshore Boulevard
Suite 250
Tampa, Florida
33607-5711

Telephone
813 282-2300
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813 282-2430

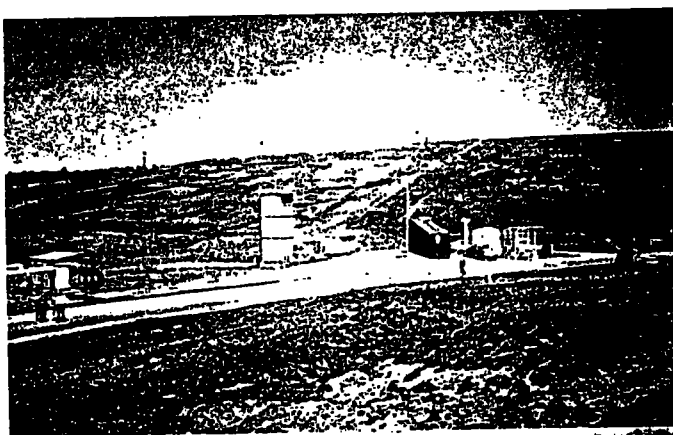
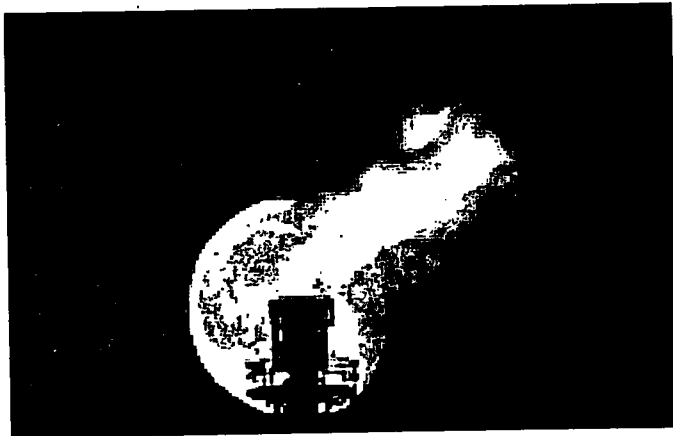
FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 26 2000

SOUTHWEST DISTRICT
TAMPA

Lena Road Landfill Gas Collection System Monitoring Data

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
MAY 26 2000
SOUTHWEST DISTRICT
TAMPA



May 2000

HDR

Fax Sheet**HDR**

Date 5/17/00

Number of Pages (includes cover page) 1

Message To

Name Kim Ford

Telecopy number called 744-6125

Firm Florida Department of Environmental Protection

City Tampa

State FL

If you do not receive all the pages, please call me at (813) 282-2402 as soon as possible.

FromName Fred W. Sebesta *fw*

Department E & RM

Telephone (813) 282-2402

Job Number 07982-029-096

We have drafted the following notice to be published in response to your May 3, 2000 letter. It is very straightforward so we believe it meets requirements. Can you please review it and make sure you agree before the County publishes it? Please call me at (813) 282-2402 or fax your comments to me at (813) 282-2440.

Thanks for your help.

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

The Department announces receipt of application for permit from Manatee County Public Works for final closure of a portion of a solid waste landfill subject to Department Rules. This facility, the existing Lena Road Landfill, is located at 3333 Lena Road, Bradenton, one mile east of I-75 and south of S.R. 64, Manatee 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, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

May 3, 2000

Mr. Len Bramble
Manatee County Public Works
4410 - 66th Street West
Bradenton, FL 34210

Re: Lena Road Landfill - Stage I Closure (partial closure #2)
Pending Permit No.: #39884-004-SF, Manatee County

Dear Mr. Bramble:

This is to acknowledge receipt of the permit application and supporting information received April 4, 2000 for landfill closure of Stage I (partial closure #2).

This letter constitutes notice that a permit will be required for your project pursuant to Chapter(s) 403, Florida Statutes.

Your permit application is incomplete. This is the Department's 1st letter requesting additional information. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste applications [Chapters 62-711, Florida Administrative Code (F.A.C.)]. Please provide:

- ✓ 1. Proof of publication of notice of application pursuant to Rule 62-110.106, see attached notice.
- ✓ 2. Certification of Construction Completion and other related documents required as part of the current gas control system construction permit #39884-002-SC. Sampling data is requested from the new system to demonstrate adequate performance.
- ✓ 3. 62-701.600(5)(e). Method to prevent erosion for closure activities during the rainy season.
- ✓ 4. 62-701.600(5)(g). Maximum water vapor transmission rate of the geomembrane, and other material and-compaction specifications.
- ✓ 5. 62-701.610(4). Name of professional engineer to provide certification of construction completion.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

6. Site plan revisions or clarification for the following items:

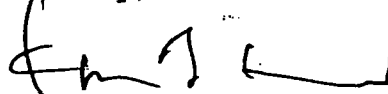
- ✓ • **Sheets C-8 and C-9** - How will water be removed as it accumulates in liner dips under existing pipes in low points?
- ✓ • **Sheet C-12** - Underdrain for stormwater only is not located above top liner to prevent leachate migration into stormwater inlets.
- ✓ • **Sheet C-16** - Elevations for end of each pipe discharge into ponds not shown. Will these discharge points be located above high water elevations to allow for visual inspection?

Please provide all responses that relate to engineering, signed and sealed by a professional engineer.

"NOTICE! Pursuant to the provisions of Section 120.60, F.S., if the Department does not receive a complete response to this request for information within 30 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to all of the information requests and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific time table for the submission of the requested information for Department review and consideration. Failure to comply with a time table accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

Please submit your response to this letter as one complete package. On all future correspondence, please include Robert Butera on distribution. If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,



Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachment

cc: Gus DiFonzo, Manatee County
Fred Sebesta, P.E., HDR
Robert Butera, P.E., FDEP Tampa

62-110.106 Public Notice of Application and Proposed Agency Action

(1) Each person who files an application for a Department permit may publish, or may be required to publish, and provide proof of publication to the Department, at his own expense, a Notice of Application in a newspaper of general circulation in the county in which the activity will be located or take place. Publication of a Notice of Application shall be required for those projects which, because of their size, potential effect on the environment or natural resources, controversial nature, or location, are reasonably expected by the Department to result in a heightened public concern or likelihood of request for administrative proceedings. If required, the notice shall be published one time only within fourteen (14) days after a complete application is filed and shall contain:

(a) name of applicant, a brief description of the project and its location;

(b) where the application file is located and when it is available for public inspection;

(c) 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 an application for permit from Manatee County for the Closure of Stage I of the existing Lena Road Landfill subject to Department rules, located at 3333 Lena Road, Bradenton, Manatee 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, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

SOUTHWEST DISTRICT
FDEP

Solid Waste Program
Permitting Application

New Site

Site Name:
Site Address:
County:
Type/Subcode:

Existing Site

Site ID:	39884-004
Project Name:	LENA RD. LF-STAGE I CLOSURE
Type/Subcode:	SF/01
Fee Submitted:	7500 <input checked="" type="checkbox"/> correct () incorrect
Fee Refund \$	Fee Request \$

Related Party

Role:	Applicant
Name:	LEN BRAMBLE
Company:	MANATEE COUNTY
Street:	4410 66th STREET WEST
City:	BRADENTON
Zip Code:	34210
Phone:	(941) 792-8811

Distribution Date: _____

Fee Checked By: K FORD

Date: 4/5/00

038073

8404 Indian Hills Drive
Omaha, Nebraska
68114-4049

Date

Net Amount

3/31/00

*****7,500.00

Pay

Seven thousand five hundred and xx / 100 Dollars

To the
Order
OfFLORIDA DEPARTMENT OF ENVIRON-
MENTAL PROTECTION - SW DISTRICT
3804 COCONUT PALM DR
TAMPA, FL 33619-8318
USA

Two Signatures Required on Checks \$1,000 or Over

Havre, Montana 59401
24-Hour Banking 1-800-673-3555

⑈038073⑈ ⑆092904554⑆ 150080646683⑈

VENDOR: 101957E
REMIT TO: FLORIDA DEPARTMENT OF ENVIRON-HDR ENGINEERING, INC.
CHECK: 0000038073
COMMENT: DATE: 3/31/00

Invoice Number	Invoice Date	Voucher Number	Comment	Amount	Discount	Net Amount
v#45992	3/29/00	0000045992	blue-slip-am	7,500.00	0.00	7,500.00
SW 4/4						
TOTALS:				7,500.00	0.00	7,500.00

April 4, 2000

Mr. Kim Ford, P.E.
Solid Waste Engineer
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RECEIVED
APR 04 2000
Department of Environmental Protection
SOUTHWEST DISTRICT

HDR

**RE: Manatee County
Lena Road Landfill
Partial Closure Number 2
Closure Permit Application
HDR Project Number: 07982-029-096**

Dear Mr. Ford:

HDR Engineering, Inc. has prepared and is submitting, on behalf of Manatee County, four copies of the Closure Permit Application Package for Partial Closure Number 2 at the Lena Road Landfill. Each application package includes a three ring binder including the application form and engineering report as well as a separate roll of drawings. Please also find enclosed HDR's check in the amount of \$7,500 for the application fee.

Note that we have revised the Construction Quality Assurance Plan slightly from the March 16, 2000 plan submitted in conjunction with construction of the road to the Southeast Regional Wastewater Treatment Plant. We have made the following changes:

1. Deleted the language relating to penetration of the slurry wall from Section 6.0 and added language to reflect the testing of force mains. We were able to do this because we have revised the utility relocation plan so we would not have to penetrate the slurry wall to maintain maintenance access to the force mains.
2. Expressed slope stability testing to Factor of Safety rather than friction angle in Sections 1.0 and 3.1.1.

Please call me if you have any questions or if we can provide further information.

Sincerely,

HDR ENGINEERING, INC.

Fred W. Sebesta
Fred W. Sebesta, P.E. 4/4/2000
Senior Project Manager

Enclosures

cc: Tim Hochuli
Len Bramble
Dan Gray
Gus DiFonzo
Mike Gore

\\TPANTAS1\WORD\MANATEE\PARTCLOS2\S1371068.DOC

HDR Engineering, Inc.

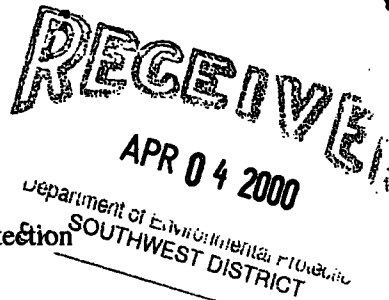
Employee Owned

2202 N. Westshore Boulevard
Suite 250
Tampa, Florida
33607-5711

Telephone
813 282-2300
Fax
813 282-2430

April 4, 2000

Mr. Kim Ford, P.E.
Solid Waste Engineer
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318



HDR

**RE: Manatee County
Lena Road Landfill
Partial Closure Number 2
Closure Permit Application
HDR Project Number: 07982-029-096**

Dear Mr. Ford:

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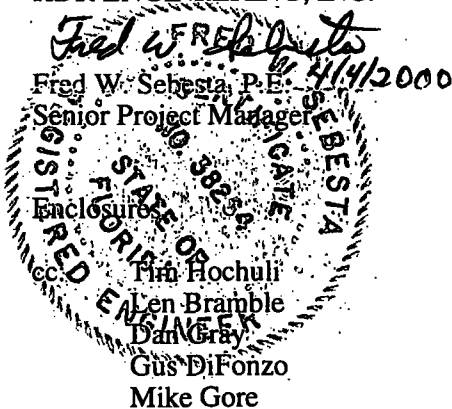
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Please call me if you have any questions or if we can provide further information.

Sincerely,

HDR ENGINEERING, INC.



\\PANTAS1\WORD\MANATEE\PARTCLOS2\1371068.DOC

HDR Engineering, Inc.

Employee Owned

2202 N. Westshore Boulevard
Suite 250
Tampa, Florida
33607-5711

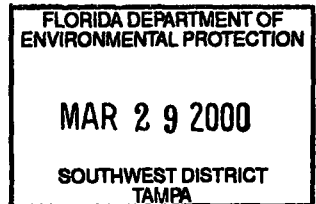
Telephone
813 282-2300
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A handwritten signature, possibly "J. Sebesta", written in ink.



March 24, 2000

Mr. Kim Ford
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619



Subject: Manatee County -Lena Road Landfill Gas Collection System

Dear Mr. Ford,

It was a pleasure talking to you the other day about the combined use of vertical and horizontal wells for the final closure design for Stage I of Manatee County's Lena Road landfill. As discussed, HDR proposes to use horizontal wells in strategic areas of the landfill to collect the gas generated within the landfill and to minimize surface emissions, pursuant to F.A.C. 62-701.400 - Landfill Construction Requirements. The specific section of the subject code which applies states;

"Be designed to reduce gas pressure in the interior of the landfill by collecting the gasses to prevent them from moving laterally. Collection pipes, pathways, or vents shall collect gas from at least the uppermost two-thirds of the filled waste or where the more anaerobic conditions exist...."

In addition to the foregoing, HDR is reliant upon the language provided in the Final Title V Permit, which is reflective of current industry standards, practices, and trends. The reference provided therein is from 40 CFR 60. Subpart WWW (as referenced in Subpart Cc), Section 60.752. (b) - Standards for air emissions from municipal solid waste landfills. The applicable passage states;

"...A wide variety of system designs are possible, such as vertical wells, combination horizontal and vertical collection systems, or horizontal trenches only,"

HDR's proposal includes the use of the existing horizontal gas collection wells on the west and south face of the side slopes of the Stage I closure area. Our proposal also includes the use of new vertical wells on the top portion of the landfill, which is currently active and being built higher. The specific details and layout of the gas collection system are provided on HDR's Closure drawings and are consistent with standard industry practice and prior HDR submissions to the Florida Department of Environmental Protection.

With specific regard to the existing horizontal wells ability to fulfill the intent of F.A.C. 62-701.400, as referenced above, the theoretical estimate of the radius of influence as stated within HDR's original Permit Design Report was based upon the guidelines provided by USEPA, 1991. Our calculation yielded a radius of influence of 129 feet, however to be consistent with industry practice a 100-foot radius of influence was used for final design. This was used for both the vertical and horizontal wells. The form of the equation used was;

$$Ra = ((Q_{wa}D)/(\pi * L * \rho_{refuse} * Q_{gen} * E_a))^{0.5}$$

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Where,

R_a	=	radius of influence
Q_{wa}	=	landfill gas flowrate per well
D	=	design capacity of the landfill
L	=	landfill depth
ρ_{refuse}	=	density of the refuse
$Q_{gen} E_a$	=	product of landfill generation and collection eff.


As can be noted, the calculation does not contain any variables which would provide a distinction to be made between vertical and horizontal collection piping systems. Since the original design incorporated the use of horizontal wells, HDR's design philosophy used a conservative estimate of 100 feet for the radius of influence, which resulted in lateral spacing of 200 feet for the horizontal wells.

Using the two-thirds criteria stipulated by F.A.C. 62-701.400 and the conservative 100-foot radius used for the horizontal well design would allow for gas collection system to function properly at landfill depths of 150 feet. However, if the alternate stringent interpretation is followed, which requires "where the more anaerobic conditions exist" and it is assumed that it occurs at the bottom of the fill, then the horizontal wells would be adequate at landfill depths of 100 feet. Since HDR's proposed final closure design only incorporates the horizontal wells on the side slopes the maximum landfill depth is expected to be 60-70 feet and reduce to nearly zero at the base of the landfill. Hence, the use of horizontal wells in these areas meets or exceeds the requirements of F.A.C. 62-701.400.

In addition to the theoretical radius of influence calculations used for design purposes, HDR has just completed Surface Emission Monitoring of Lena Road landfill. The results of this monitoring showed that no surface emissions above 500ppm were detected in any area of the landfill, inclusive of the horizontal well locations. Furthermore, the vacuum to these collection systems are currently being throttled to prevent excess tramp air infiltration into the collection system. Once the liner is installed in Stage I and over the collection pipes the vacuum can be increased thus increasing the collection efficiency of the system.

Based upon the foregoing, HDR is proceeding with the horizontal well design philosophy on the side slopes of the landfill and will be pleased to discuss this in greater detail with you, if desired. If you have any questions, comments or concerns regarding this matter, please contact me at your earliest convenience.

Sincerely,



Mark A. Rhode, P.E.

Xc: Tim Hochuli, P.E., Manatee County Projects
Mike Gore, Manatee County Operations
Bill Embree, HDR
Kevin DeLange, HDR
File

INTEROFFICE MEMORANDUM

Date: 22-Feb-2000 03:10pm
From: Chris McGuire TAL 850/488-9314
MCGUIRE_C@a1.epic1.dep.state.fl.us
Dept:
Tel No:

To: Richard Tedder TAL (TEDDER_R@a1.epic1.dep.state.fl.us)
CC: Mary Jean Yon TAL (YON_MJ@a1.epic1.dep.state.fl.us)
CC: Kim Ford TPA (FORD_K@A1)

Subject: Re: gas question

I'm probably not really understanding, but I see nothing in the rule that would prohibit horizontal wells. Whatever works best.

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 21-Feb-2000 03:32pm
From: Richard Tedder TAL 850/488-030
TEDDER_R@a1.epic1.dep.state.fl.us

Dept:
Tel No:

To: Chris McGuire TAL
CC: Mary Jean Yon TAL
CC: Kim Ford TPA

(MCGUIRE_C@a1.epic1.dep.state.fl.us)
(YON_MJ@a1.epic1.dep.state.fl.us)
(FORD_K@A1)

Subject: gas question

Chris, I had a call from Mark Rhode of HDR about rule 62-701.400(10(a)3 and its application to Lena Road Landfill. Mark said Kim asked him to call us. Anyway, Mark wants to know if that language requires the use of vertical gas wells to collect gas from the upper 2/3s of the landfill or will it allow the use of horizontal wells only if he is confident horizontal wells will adequately control the gas? When the final cover is installed, the horizontal wells will be about 5 feet below the surface. Some recent Title V gas monitoring testing leads Mark to believe that the horizontal wells will be just fine, and he may not need to install many vertical wells. He is not sure if the rule would allow this however.

I told him that at the time the rule was written, I thought most folks were thinking of vertical wells when we talked about collecting from the upper 2/3s of the landfill. But I don't think our current rule language prohibits the use of horizontal wells in place of vertical wells as long as the gas is adequately controlled. The Lena Road landfill has a slurry wall with outside perimeter monitoring for lateral movement of gas (not that this has anything to do with interpretation of our rule!). I told him I would ask you if you agree that our language allows this type of flexibility. So, what do you think?

Thanks. - RT

HORIZONTAL
RADII
OF INFLUENCE
100'
DEPTH
(100' RADII
OF INFLUENCE
FOR VERTICALS)

SO, WITH
100' INFLUENCE
DOWNWARD,
HORIZONTAL
may work BET
to meet the
2/3 DEPTH OF WASTE
RULE.