



Jeb Bush
Governor

Department of Environmental Protection

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

Colleen M. Castille
Secretary

November 18, 2005

James A. Thomson, Director
Charlotte County Board of County Commissioners
Charlotte County Department of Environmental Services
25550 Harbor View Road, Unit #2
Port Charlotte, Florida 33980

FILE

Re: Title V Air Operation Permit Renewal
DRAFT Permit Project No.: 0150075-003-AV
Zemel Road Municipal Solid Waste Management Facility

Dear Mr. Thomson:

One copy of the DRAFT Permit for the renewal of a Title V Air Operation Permit for the Zemel Road Municipal Solid Waste Management Facility located at 29751 Zemel Road, Punta Gorda, Charlotte County, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL" and the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL" are also included.

An electronic version of the DRAFT Permit will be posted on the Division of Air Resource Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

"<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>"

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL" must be published as soon as possible. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Ronald D. Blackburn, District Air Program Administrator, at the above letterhead address. If you have any other questions, please contact Deanna Newburg, Engineering Specialist, at 239/332-6975, extension 173.

Sincerely,

Jon M. Iglehart
Director of District Management

JMI/DLN/rcd
Enclosures

"More Protection, Less Process"

Printed on recycled paper.

In the Matter of an
Application for Permit Renewal by:

Charlotte County Board of County Commissioners
Charlotte County Department of Environmental
Services
25550 Harbor View Road, Unit #2
Port Charlotte, Florida 33980

DRAFT Permit Project No.: 0150075-003-AV
Zemel Road Municipal Solid Waste
Management Facility
Charlotte County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL

The Florida Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Renewal (copy of DRAFT Permit attached) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Charlotte County Board of County Commissioners, applied on March 22, 2005, to the permitting authority for a Title V Air Operation Permit Renewal for their Zemel Road Municipal Solid Waste Management Facility located at 29751 Zemel Road, Punta Gorda, Charlotte County. This facility is a Class I landfill and consists of fugitive emissions from the landfill surface. Based on Tier 2 landfill gas (LFG) sampling and analysis conducted in 2002, the fugitive surface emissions (NMOC) generated by this landfill have been calculated to be less than 50 megagrams per year and therefore a gas control system is not required. This facility has the potential to emit 3.7 tons per year of Volatile Organic Compounds (VOCs), 5.3 tons per year of Hazardous Air Pollutants (HAPs) and an estimated fugitive emissions of 12.0 tons per year of Non-methane Organic Compounds (NMOC). The landfill is subject to New Source Performance Standards under 40 CFR 60 Subpart WWW for Municipal Solid Waste Landfills and to 40 CFR 60 Subpart Cc for Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V Air Operation Permit Renewal is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V Air Operation Permit Renewal based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department of Environmental Protection, Post Office Box 2549, Fort Myers, Florida 33902-2549, (Telephone: (239) 332-6975, Fax: (239) 332-6969, within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the attached DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, Telephone: (850) 245-2242, Fax: (850) 245-2303. 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 persons other than those entitled to written notice under Section 120.60(3), F.S., 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. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall 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 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, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

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

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(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 statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority'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

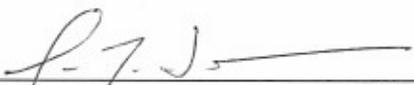
decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management
Post Office Box 2549
Fort Myers, Florida 33902-2549
(239) 332-6975

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the PUBLIC NOTICE and the DRAFT Permit package) and all copies were sent by certified mail or electronically (with Received Receipt) before the close of business on _____ to the person listed:

James A. Thomson, Charlotte County Department of Environmental Services

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the PUBLIC NOTICE and the DRAFT Permit) were sent by U.S. mail or electronically (with Received Receipt) on the same date to the person listed or as otherwise noted:

David H. Penoyer, P.E. – SCS Engineers

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the DRAFT Permit package) were sent by U.S. mail or electronically (with Received Receipt) on the same date to the person listed:

Barbara Friday, BAR [barbara.friday@dep.state.fl.us] (for posting with Region 4 , U.S. EPA)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

Regina C. Dick
(Clerk)

11/18/2005
(Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit Project No.: 0150075-003-AV
Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management Facility
Charlotte County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Renewal to Charlotte County Board of County Commissioners for their Zemel Road Municipal Solid Waste Management Facility located at 29751 Zemel Road, Punta Gorda, Charlotte County. The applicant's name and address are: Charlotte County Board of County Commissioners; and, James A. Thomson, Director, Charlotte County Department of Environmental Services, 25550 Harbor View Road, Unit #2, Port Charlotte, Florida, 33980.

This facility is a Class I landfill and consists of fugitive emissions from the landfill surface. Based on Tier 2 landfill gas (LFG) sampling and analysis conducted in 2002, the fugitive surface emissions (NMOC) generated by this landfill have been calculated to be less than 50 megagrams per year and therefore a gas control system is not required. This facility has the potential to emit 3.7 tons per year of Volatile Organic Compounds (VOCs), 5.3 tons per year of Hazardous Air Pollutants (HAPs) and an estimated fugitive emissions of 12.0 tons per year of Non-methane Organic Compounds (NMOC). The landfill is subject to New Source Performance Standards under 40 CFR 60 Subpart WWW for Municipal Solid Waste Landfills and to 40 CFR 60 Subpart Cc for Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Permitting Authority will accept written comments concerning the DRAFT Permit for a period of thirty (30) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL." Written comments must be post-marked and all facsimile comments must be received by the close of business (5:00 pm), on or before the end of this 30-day period, by the Permitting Authority at Department of Environmental Protection, Post Office Box 2549, Fort Myers, Florida 33902-2549 or facsimile 239/332-6969. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the Department's official web site for notices at <http://tlhora6.dep.state.fl.us/onw> and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the DRAFT Permit, the Permitting Authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000 (Telephone: (850) 245-2242, Fax: (850) 245-2303). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the

date of publication. A petitioner shall 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 within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

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

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

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

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

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority'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 permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file 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:

Permitting Authority:

Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364W

Fort Myers, Florida 33901
Telephone: (239) 332-6975
Fax: (239) 332-6969

The complete project file includes the DRAFT Permit, the application for renewal, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Ronald D. Blackburn, District Air Program Administrator, at the above address, or call 239/332-6975, for additional information.

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management Facility
Facility ID No.: 0150075
Charlotte County

Title V Air Operation Permit Renewal

DRAFT Permit Project No.: 0150075-003-AV

Permitting Authority:
State of Florida Department of Environmental Protection
Post Office Box 2549
Fort Myers, Florida 33902-2549
Telephone: 239/332-6975
Fax: 239/332-6969

Title V Air Operation Permit Renewal

DRAFT Permit No.: 0150075-003-AV

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Jeb Bush
Governor

Department of Environmental Protection

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549

Colleen M. Castille
Secretary

Permittee:

Charlotte County Board of County
Commissioners
25550 Harbor View Road, Unit #2
Port Charlotte, Florida 33980

DRAFT Permit No.: 0150075-003-AV

Facility ID No.: 0150075

SIC No(s).: 49

Project: Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V Air Operation Permit. This existing facility is located at 29751 Zemel Road, Punta Gorda, Charlotte County; UTM Coordinates: Zone 17, 405.47 km East and 2963.98 km North; and, Latitude: 26° 47' 44" North and Longitude: 81° 57' 38" West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix U-1, List of Unregulated Emissions Units and/or Activities

Appendix I-1, List of Insignificant Emissions Units and/or Activities

APPENDIX TV-5, TITLE V CONDITIONS version dated 03/28/05

Effective Date: DRAFT

Renewal Application Due Date: DRAFT

Expiration Date: DRAFT

Jon M. Iglehart
Director of
District Management

JMI/DLN/rcd

Section I. Facility Information.

Subsection A. Facility Description.

This facility is a Class I landfill and consists of fugitive emissions from the landfill surface. Based on Tier 2 landfill gas (LFG) sampling and analysis conducted in 2002, the fugitive surface emissions (NMOC) generated by this landfill have been calculated to be less than 50 megagrams per year and therefore a gas control system is not required. This facility has the potential to emit 3.7 tons per year of Volatile Organic Compounds (VOCs), 5.3 tons per year of Hazardous Air Pollutants (HAPs) and an estimated fugitive emissions of 12.0 tons per year of Non-methane Organic Compounds (NMOC). The landfill is subject to New Source Performance Standards under 40 CFR 60 Subpart WWW for Municipal Solid Waste Landfills and to 40 CFR 60 Subpart Cc for Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Renewal application received March 22, 2005, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID Nos. and Brief Descriptions.

<u>E.U. ID No.</u>	<u>Brief Description</u>
001	Fugitive Nonmethane Organic Compounds (NMOC) emissions

Unregulated Emissions Units and/or Activities

003	Portable 400 gallon diesel storage tanks
004	Fixed diesel storage tanks
005	Landfill equipment and vehicles
006	Planned emergency generators (2)
007	Miscellaneous fire extinguishers
008	Degreasing units
009	Welding Equipment

Please reference the Permit No., Facility ID No., and appropriate Emissions Units ID Nos. on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1: Summary of Air Pollutant Standards and Terms

Table 2-1: Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History

Statement of Basis

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management
Facility

DRAFT Permit No.: 0150075-003-AV
Facility ID No.: 0150075

These documents are on file with the permitting authority:

Initial Title V Air Operation Permit issued October 4, 2000

Title V Air Operation Permit Administrative Correction issued December 16, 2003

Application for a Title V Air Operation Permit Renewal received March 22, 2005

Additional Information Request dated May 20, 2005

Additional Information Response received July 26, 2005

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-5, TITLE V CONDITIONS, is a part of this permit.
{Permitting note: APPENDIX TV-5, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a copy when requested or otherwise appropriate.}
 2. **[Not federally enforceable.]** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. No person shall cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
 3. General Particulate Emission Limiting Standards. General Visible Emissions Standard.
Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
 4. Prevention of Accidental Releases (Section 112(r) of CAA).
 - a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 1515
Lanham-Seabrook, MD 20703-1515
Telephone: 301/429-5018
- and,
- b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.
[40 CFR 68]
5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), F.A.C.]
6. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6) and 62-4.040(1)(b), F.A.C.]
7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic

solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. Nothing was deemed necessary and ordered at this time.
[Rule 62-296.320(1)(a), F.A.C. and renewal Title V permit application received March 22, 2005]

8. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57. of APPENDIX TV-5, TITLE V CONDITIONS):

The following requirements are "not federally enforceable":

- a. Posting and enforcing the proper speed limits on all the roads inside the landfill; and,
- b. Use of a water truck to wet the unpaved roads to suppress dust.

[Rule 62-296.320(4)(c)2., F.A.C. and proposed by the applicant in the renewal Title V permit application received March 22, 2005]

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

10. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.

[Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of APPENDIX TV-5, TITLE V CONDITIONS)}

11. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's South District office.

Department of Environmental Protection
South District Office
Post Office Box 2549
Fort Myers, Florida 33902-2549
Telephone: 239/332-6975; Fax: 239/332-6969

12. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch
Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155; Fax: 404/562-9163

13. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report,

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management
Facility

DRAFT Permit No.: 0150075-003-AV
Facility ID No.: 0150075

compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.

[Rule 62-213.420(4), F.A.C.]

Section III. Emissions Unit and Conditions.

Subsection A. This section addresses the following emissions unit.

<u>E.U. ID No.</u>	<u>Brief Description</u>
001	Fugitive Nonmethane Organic Compounds (NMOC) emissions

This emissions unit is a Class I landfill and consists of fugitive emissions from the landfill surface. Based on Tier 2 landfill gas (LFG) sampling and analysis conducted in 2002, the fugitive surface emissions (NMOC) generated by this landfill have been calculated to be less than 50 megagrams per year and therefore a gas control system is not required.

{Permitting notes: This emissions unit is regulated under: NSPS - 40 CFR 60, Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills and 40 CFR 60, Subpart Cc, Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Each permittee subject to the air emissions standards of Rule 62-204.800(9)(c), F.A.C. shall:

- a) Comply with the air emission standards in 40 CFR 60.752
- b) Comply with the test methods and procedures in 40 CFR 60.754
- c) Comply with the reporting requirements in 40 CFR 60.757
- d) Comply with the record keeping standards in 40 CFR 60.758}

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum process rate is estimated to be 727 million cubic feet of landfill gas a year.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2 Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.
[Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.3. The permittee of a municipal solid waste (MSW) landfill having a design capacity equal to or greater than 2.5 million megagrams and 2.5 million cubic meters, shall either comply with paragraph 40 CFR 60.752(b)(2) or calculate a Non Methane Organic Compounds (NMOC) emission rate for the landfill using Specific Condition A.7. or A.8. The NMOC emission rate shall be recalculated annually, except as provided in Specific Condition A.19. The permittee of a MSW landfill with a design capacity equal to or greater than 2.5 million megagrams and 2.5 million cubic meters is subject to part 70 or 71 permitting requirements.
[40 CFR 60.752(b)]

- A.4.** If the calculated NMOC emission rate is less than 50 megagrams per year, the permittee shall:
- (i) submit an annual emission report to the Department, except as provided for in Specific Condition **A.19.**; and
 - (ii) recalculate the NMOC emission rate annually using the procedures specified in Specific Condition **A.6.** until such time as the calculated NMOC emission rate is equal to or greater than 50 megagrams per year, or the landfill is closed.

[40 CFR 60.752(b)(1)]

A.5. If the NMOC emission rate, upon recalculation required in Specific Condition **A.4.(ii)** is equal to or greater than 50 megagrams per year, the permittee shall install a collection and control system in compliance with 40 CFR 60.752(b)(2). The permittee shall also determine the applicable requirements of National Emission Standards for Hazardous Air Pollutants 40 CFR 63 Subpart AAAA for Municipal Solid Waste Landfills for their facility and comply with the applicable requirements in 40 CFR 63 Subpart AAAA Sections 63.1955(b) and 63.1960 through 63.1980 by the date your landfill is required to install a collection and control system.

[40 CFR 60.752(b)(1)(ii)(A), 40 CFR 63.1935 and 63.1945]

A.6. The permittee shall calculate the NMOC emission rate using either the equation provided in Specific Condition **A.7.** or the equation provided in Specific Condition **A.8.** Both equations may be used if the actual year-to-year solid waste acceptance rate is known, as specified in Specific Condition **A.7.** for part of the life of the landfill and the actual year-to-year solid waste acceptance rate is unknown, as specified in Specific Condition **A.8.** for part of the life of the landfill. The values to be used in both equations are 0.05 per year for k , 170 cubic meters per megagram for L_0 , and 4,000 parts per million by volume as hexane for the C_{NMOC} .

[40 CFR 60.754(a)(1)]

A.7. The following equation shall be used if the actual year-to-year solid waste acceptance rate is known.

$$M_{NMOC} = \sum_{i=1}^n 2 k L_0 M_i (e^{-kt_i}) (C_{NMOC}) (3.6 \times 10^{-9})$$

where,

M_{NMOC}	=	Total NMOC emission rate from the landfill, megagrams per year
k	=	methane generation rate constant, year ⁻¹
L_0	=	methane generation potential, cubic meters per megagram solid waste
M_i	=	mass of solid waste in the i^{th} section, megagrams
t_i	=	age of the i^{th} section, years
C_{NMOC}	=	concentration of NMOC, parts per million by volume as hexane
3.6×10^{-9}	=	conversion factor

The mass of nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value for M_i if the documentation of the nature and amount of such wastes is maintained.

[40 CFR 60.754(a)(1)(i)]

A.8. The following equation shall be used if the actual year-to-year solid waste acceptance rate is unknown.

$$M_{\text{NMOC}} = 2 L_0 R (e^{-kc} - e^{-kt}) (C_{\text{NMOC}}) (3.6 \times 10^{-9})$$

where,

M_{NMOC}	=	mass emission rate of NMOC, megagrams per year
L_0	=	methane generation potential, cubic meters per megagram solid waste
R	=	average annual acceptance rate, megagrams per year
k	=	methane generation rate constant, year ⁻¹
t	=	age of landfill, years
C_{NMOC}	=	concentration of NMOC, parts per million by volume as hexane
c	=	time since closure, years. For active landfill $c = 0$ and $e^{-kc} = 1$
3.6×10^{-9}	=	conversion factor

The mass of nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value of R , if documentation of the nature and amount of such wastes is maintained.

[40 CFR 60.754(a)(1)(ii)]

Test Methods and Procedures

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.9. Tier 1. The permittee shall compare the calculated NMOC mass emission rate to the standard of 50 megagrams per year.

- (i) If the NMOC emission rate calculated in Specific Conditions A.7. or A.8. is less than 50 megagrams per year, the permittee shall submit an emission rate report as provided in Specific Condition A.17. and shall recalculate the NMOC mass emission rate annually as required in Specific Condition A.4.
- (ii) If the calculated NMOC emission rate is equal to or greater than 50 megagrams per year, then the permittee shall either comply with 40 CFR 60.752(b)(2), or determine a site-specific NMOC concentration and recalculate the NMOC emission rate using the following procedures provided in Specific Condition A.10.

[40 CFR 60.754(a)(2)]

A.10. Tier 2. The permittee shall determine the NMOC concentration using the following sampling procedure. The permittee shall install at least two sample probes per hectare of landfill surface that has retained waste for at least 2 years. If the landfill is larger than 25 hectares in area, only 50 samples are required. The sample probes should be located to avoid known areas of nondegradable solid waste. The permittee shall collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration using Method 25 or 25C of 40 CFR 60 Appendix A. Method 18 of 40 CFR 60 Appendix A may be used to analyze the samples collected by the Method 25 or 25C sampling procedure. Taking composite samples from different probes into a single cylinder is allowed; however, equal sample volumes must be taken from each probe. For each composite, the sampling rate, collection times, beginning and ending cylinder vacuums, or alternative volume measurements must be recorded to verify that composite volumes are equal. Composite sample volumes should not be less than one liter unless

evidence can be provided to substantiate the accuracy of smaller volumes. Terminate compositing before the cylinder approaches ambient pressure where measurement accuracy diminishes. If using Method 18, the permittee must identify all compounds in the sample and, as a minimum, test for those compounds published in the most recent Compilation of Air Pollutant Emission Factors (AP-42), minus carbon monoxide, hydrogen sulfide, and mercury. As a minimum, the instrument must be calibrated for each of the compounds on the list. Convert the concentration of each Method 18 compound to C_{NMOC} as hexane by multiplying by the ratio of its carbon atoms divided by six. If more than the required number of samples are taken, all samples must be used in the analysis. The permittee must divide the NMOC concentration from Method 25 or 25C of 40 CFR 60 Appendix A by six to convert from C_{NMOC} as carbon to C_{NMOC} as hexane.

- (i) The permittee shall recalculate the NMOC mass emission rate using the equations provided in Specific Conditions A.7. or A.8. and using the average NMOC concentration from the collected samples instead of the default value in the equations provided in A.6.
- (ii) If the resulting mass emission rate calculated using the site-specific NMOC concentration is equal to or greater than 50 megagrams per year, then the permittee shall comply with either 40 CFR 60.752(b)(2), or determine the site-specific methane generation rate constant and recalculate the NMOC emission rate using the site-specific methane generation rate using the procedure specified in A.11.
- (iii) If the resulting NMOC mass emission rate is less than 50 megagrams per year, the permittee shall submit a periodic estimate of the emission rate report as provided in Specific Condition A.17. and retest the site-specific NMOC concentration every 5 years using the method specified in this specific condition.

[40 CFR 60.754(a)(3)]

A.11. Tier 3. The site-specific methane generation rate constant shall be determined using the procedures provided in EPA Method 2E of 40 CFR 60 Appendix A. The permittee shall estimate the NMOC mass emission rate using equations provided in A.7. or A.8. and using a site-specific methane generation rate constant k , and the site-specific NMOC concentration as determined in Specific Condition A.10. instead of the default values provided in Specific Condition A.6. The permittee shall compare the resulting NMOC mass emissions rate to the standard of 50 megagrams per year.

- (i) If the NMOC emission rate as calculated using the site-specific methane generation rate and concentration of NMOC is equal to or greater than 50 megagrams per year, the permittee shall comply with 40 CFR 60.752(b)(2).
- (ii) If the NMOC mass emission rate is less than 50 megagrams per year, then the permittee shall submit a periodic emission rate report as provided in Specific Condition A.17. and shall recalculate the NMOC mass emission rate annually, as provided in Specific Condition A.17. using the equation in Specific Condition A.7. and using the site-specific methane generation rate constant and NMOC concentration obtained in Specific Condition A.10. The calculation of the methane generation rate constant is performed only once, and the value obtained from this test shall be used in all subsequent annual NMOC emission rate calculations.

[40 CFR 60.754(a)(4)]

A.12. The permittee may use other methods to determine the NMOC concentration or a site-specific k as an alternative to the methods required in Specific Conditions A.10. and A.11. if the method has been approved by the Department.

[40 CFR 60.754(a)(5)]

Recordkeeping and Reports

A.13. If the calculated NMOC emission rate is less than 50 megagrams per year, the permittee shall submit an annual emission report to the Department, except as provided for in Specific Condition **A.19**.

[40 CFR 60.752(b)(1)(i)]

A.14. If the landfill is permanently closed, a closure notification shall be submitted to the Department as specified in Specific Condition **A.22**.

[40 CFR 60.752(b)(1)(ii)(B)]

A.15. An amended design capacity report shall be submitted to the Department providing notification of an increase in the design capacity of the landfill, within 90 days of an increase in the maximum design capacity of the landfill to or above 2.5 million megagrams and 2.5 million cubic meters. This increase in design capacity may result from an increase in the permitted volume of the landfill or in the density as documented in the annual recalculation required in 40 CFR 60.758(f).

[40 CFR 60.757(a)(3)]

A.16. The permittee shall submit an NMOC emission rate report to the Department initially and annually thereafter, except as provided in Specific Condition **A.19**, or Specific Condition **A.21**. The Department may request such additional information as may be necessary to verify the reported NMOC emission rate.

[40 CFR 60.757(b)]

A.17. The NMOC emission rate report shall contain an annual or 5-year estimate of the NMOC emission rate calculated using the formula and procedures provided in Specific Conditions **A.6** – **A.12**, or 40 CFR 60.754(b), as applicable.

[40 CFR 60.757(b)(1)]

A.18. The initial NMOC emission rate report may be combined with the initial design capacity report required June 10, 1996, for landfills that commenced construction, modifications, or reconstruction on or after May 30, 1991 but before March 12, 1996, or ninety days after the date of commenced construction, modification, or reconstruction for landfills that commenced construction, modification, or reconstruction on or after March 12, 1996. Subsequent NMOC emission rate reports shall be submitted annually thereafter, except as provided for in Specific Condition **A.19**, and **A.21**.

[40 CFR 60.757(b)(1)(i)]

A.19. If the estimated NMOC emission rate reported in the annual report to the Department is less than 50 megagrams per year in each of the next 5 consecutive years, the permittee may elect to submit an estimate of the NMOC emission rate for the next 5-year period in lieu of the annual report. This estimate shall include the current amount of solid waste-in-place and the estimated waste acceptance for each year of the 5 years for which an NMOC emission rate is estimated. All data and calculations upon which the estimate is based shall be provided to the Department. This estimate shall be revised at least once every 5 years. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the 5-year estimate, a revised 5-year estimate shall be submitted to the Department. The revised estimate shall cover the 5-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.

[40 CFR 60.757(b)(1)(ii)]

A.20. The NMOC emission rate report shall include all the data, calculations, sample reports, and measurements used to estimate the annual or 5-year emissions.

[40 CFR 60.757(b)(2)]

A.21. The permittee is exempt from the requirements of Specific Condition **A.17.** and **A.20.**, after the installation of a collection and control system in compliance with 40 CFR 60.752(b)(2), during such time as the collection and control system is in operation and in compliance with 40 CFR 60.753 and 60.755.

[40 CFR 60.757(b)(3)]

A.22. The permittee shall submit a closure report to the Department within 30 days of waste acceptance cessation. The Department may request additional information as may be necessary to verify that permanent closure has taken place in accordance with the requirements in 40 CFR 258.60. If a closure report has been submitted to the Department, no additional waste may be placed in the landfill without filing a notification of modification as described under 40 CFR 60.7(a)(4).

[Rule 62-4.070(3) and 40 CFR 60.757(d)]

A.23. Permittee shall keep for at least 5 years up-to-date, readily accessible, on-site records of the design capacity report which triggered 40 CFR 60.752(b), the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable.

[40 CFR 60.758(a)]

A.24. This facility shall comply with the reporting and recordkeeping provisions of 40 CFR 60.757 and 60.758, as applicable. The provisions of 40 CFR 60.754, as applicable, shall be used to calculate the landfill NMOC emission rate for the purposes of the submittal of NMOC emission rate reports and determining whether the landfill has a nonmethane organic compound (NMOC) emission rate of 50 megagrams per year or more.

[Rule 62-204.800(9)(c)5, F.A.C.]

Appendix U-1: List of Unregulated Emissions Units and/or Activities.

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

E.U. ID

<u>No.</u>	<u>Brief Description of Emissions Units and/or Activity</u>
003	Portable 400 gallon diesel storage tanks
004	Fixed diesel storage tanks
005	Landfill equipment and vehicles
006	Planned emergency generators (2)
007	Miscellaneous fire extinguishers
008	Degreasing units
009	Welding Equipment

Appendix I-1: List of Insignificant Emissions Units and/or Activities.

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management
Facility

DRAFT Permit No.: 0150075-003-AV
Facility ID No.: 0150075

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities

1. Fugitive VOC emissions from the stationary storage tanks – PTE; <5 TPY, below threshold
2. Fugitive PM Emissions – mulching operations – PTE; <5 TPY, below threshold
3. Fugitive PM emissions - aggregate handling and storage piles – PTE; <5 TPY, below threshold
4. VOC and criteria pollutants – exhaust from onsite diesel engines – PTE; <5 TPY, below threshold
5. VOC and criteria pollutants – parts cleaning/solvent degreasing – PTE; <5 TPY, below threshold
6. Leachate treatment plant
7. Mulching operations area
8. White goods/waste tire storage and handling area
9. Citizens waste drop off area
10. Four Mobile stormwater pumps (65 hp each)
- 11.
- 12.
- 13.

Appendix H-1: Permit History

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management Facility

DRAFT Permit No.: 0150075-003-AV
Facility ID No.: 0150075

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type ¹
All	Facility	0150075-001-AV	10/04/2000	10/04/2005	Initial
002	Stormwater Pumps – four 65 hp pumps and one 40 hp pump	0150075-002-AV	12/16/2003	10/04/2005	Administration Correction
All	Facility	0150075-003-AV	Pending	Pending	Renewal

¹ Project Type (select one): Title V: Initial, Revision, Renewal, or Administrative Correction; Construction (new or mod.); Extension (AC only); or, Withdrawn or Denied.
² ARMS day 55 from the date of posting the PROPOSED Permit for EPA review (see confirmation e-mail from Tallahassee) or the date that EPA confirms resolution of any objections.

Table 1-1, Summary of Air Pollutant Standards and Terms

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management

Permit No.: 0150075-001-AV
Facility ID No.: 0150075

This table summarizes information for convenience purposes only. This table does not supersede any of the terms of conditions of this permit.

E.U. ID No. **Brief Description:**
001 Fugitive Nonmethane Organic Compounds (NMOC) emissions

Pollutant Name	Fuels	Hours/Year	Allowable Emissions			Equivalent Emissions		Regulatory Citation(s)	See Permit Conditions
			Standard(s)	lbs/hour	TPY	lbs/hour	TPY		
NMOC		8760	<50 megagrams Without Control System					40 CFR 60.752 and 40 CFR 60.754	A.3. – A.12.

Notes:
* The "Equivalent Emissions" listed are for informational purpose only.

Table 2-1, Summary of Compliance Requirements

Charlotte County Board of County Commissioners
 Zemel Road Municipal Solid Waste Management Facility

Permit No.: 0150075-003-AV
Facility ID No.: 0150075

This table summarizes information for convenience purposes only. This table does not supersede any of the terms of conditions of this permit.

E.U. ID No. **Brief Description:**
 001 Fugitive Nonmethane Organic Compounds (NMOC) emissions

Pollutant Name or Parameter	Fuels	Compliance Method	Testing Time Frequency	Frequency Base Date*	Minimum Compliance Test Duration	CMS**	See Permit Condition(s)
NMOC		Reporting and Record keeping					A.13. – A.24.

Notes:

* The frequency base date is established for planning only; see Rule 62-297.310, F.A.C.

** CMS [=] continuous monitoring system

STATEMENT OF BASIS

Charlotte County Board of County Commissioners
Zemel Road Municipal Solid Waste Management Facility
Facility ID No.: 0150075
Charlotte County

Title V Air Operation Permit Renewal
DRAFT Permit Project No.: 0150075-003-AV

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The subject of this permit is for the renewal of Title V Air Operation Permit.

This facility consists of fugitive emissions from the landfill surface. Based on Tier 2 landfill gas (LFG) sampling and analysis conducted in 2002, the fugitive surface emissions (NMOC) generated by this landfill have been calculated to be less than 50 megagrams per year and therefore a gas control system is not required. The landfill is subject to New Source Performance Standards under 40 CFR 60 Subpart WWW for Municipal Solid Waste Landfills and to 40 CFR 60 Subpart Cc for Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills. CAM does not apply.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Renewal application received March 22, 2005, this facility is not a major source of hazardous air pollutants (HAPs).