

# INTEROFFICE MEMORANDUM

(Draft)

**Date:** 07-Jun-2000 08:51am

**From:** Tom Cascio TAL

**Dept:**

**Tel No:**

**To:** Mara Nasca FTM (NASCA\_M @ A1 @ DEPFTM)

**Subject:** ZEMEL ROAD PRE-DRAFT (0150075)

Mara:

Overall, the permit looks fine. Here are some suggestions: (a) rewrite Specific Condition 7 with a lead-in "the applicant shall ...", (b) double check the notation in the equations in Specific Conditions A.7 and A.8 for consistency and accuracy, and (c) Appendix I-1 and the history page appear to be missing.

Tom

**PRE-DRAFT**

CERTIFIED MAIL #Z  
RETURN RECEIPT REQUESTED

James A. Thomson  
Acting Director  
Dept. of Environmental Services  
27221 Beechcraft Avenue  
Punta Gorda, Florida 33982-2441

Re: Charlotte County-AP  
DRAFT Title V Permit No.: 0150075-001-AV  
Charlotte County Board of County Commissioners  
Zemel Road Municipal Solid Waste Management  
EMA- Greater Charlotte Harbor

Please review and  
provide comments  
to Mara Nasca  
by e-mail  
6/7 if possible but  
no later than 6/8  
in a.m.

Dear Mr. Thomson:

One copy of the DRAFT Title V Air Operation Permit for the Zemel Road Municipal Solid Waste Management facility located ½ mile west of U.S. 41 on Zemel Road approximately 2 miles north of the Charlotte/Lee County line, Charlotte County, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" and the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" 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. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to David M. Knowles, P.E., Air Program Administrator, at the above letterhead address. If you have any other questions, please contact Mara G. Nasca at (941) 332-6975, Ext.188.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

Richard W. Cantrell  
Director of  
District Management

RWC/MGN/jw

Enclosures

*Henry page 7*

In the Matter of an  
Application for Permit by:

Dept. of Environmental Services  
27221 Beechcraft Ave.  
Punta Gorda, Fl 33982-2441

Draft Permit No.: 0150075-001-AV  
Zemel Road Municipal Solid Waste Management  
Charlotte County

### **INTENT TO ISSUE TITLE V AIR OPERATION PERMIT**

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

The applicant, James A. Thomson, Acting Director of the Department of Environmental Services, applied on July 26, 1999 to the permitting authority for a Title V air operation permit for the operation of the Zemel Road Municipal Solid Waste Management facility located ½ mile west of U.S. 41 on Zemel Road, approximately 2 miles north of the Charlotte/Lee County line, Charlotte County.

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 is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit 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 62-103.150 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." 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. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. 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 permitting authority's office, Florida Department of Environmental Protection, Post Office Box 2549, Fort Myers, Florida 33902-2549, (Telephone: 941/332-6975; Fax: 941/332-6969) within 7 (seven) days of publication. 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 62-103.150(6), F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V 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.” 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.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

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 of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, (Telephone No.850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (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 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 28-5.207, F.A.C.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant’s name and address, the 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 permitting authority’s action or proposed action;
- (c) A statement of how each petitioner’s substantial interests are affected by the permitting authority’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 permitting authority’s action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority’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 permitting authority 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 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.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

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 permit. Any petition shall be based only on objections to the 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 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

**DRAFT**

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Richard W. Cantrell  
Director of  
District Management

RWC/MGN/jw

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on \_\_\_\_\_ to the person(s) listed:

James A. Thomson, Acting Director, Dept .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 (including the PUBLIC NOTICE and the DRAFT permit) were sent by U.S. mail on the same date to the person(s) listed or as otherwise noted:

David M. Pelham, HDR Engineering, Inc.

Elizabeth Barlett, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

Gregg Worley, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

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.

\_\_\_\_\_  
(Clerk)

\_\_\_\_\_  
(Date)

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

**STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Title V DRAFT Permit No.: 0150075-001-AV  
Zemel Road Municipal Solid Waste Management  
Charlotte County

The State of Florida Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit for the Zemel Road Municipal Solid Waste Management facility located ½ mile west of U.S. 41 on Zemel Road, approximately 2 miles north of the Charlotte/Lee County line, Charlotte County. The applicant's name and address are: James A. Thomson, Acting Director, Department of Environmental Services, 27221 Beechcraft Avenue, Punta Gorda, Florida 33982-2441.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the Title V 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 Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the permitting authority's office Florida Department of Environmental Protection, Post Office Box 2549, Fort Myers, Florida 33902-2549. 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.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

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 of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, (Telephone No. 850/488-9730; Fax: 850/487-4938). Petitions must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the 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 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 28-5.207 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 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 permitting authority's action or proposed action;



- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority'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 permitting authority's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority'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 permitting authority 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 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.

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 permit. Any petition shall be based only on objections to the 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 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:

**State of Florida Department of Environmental Protection**  
**2295 Victoria Avenue, Suite 364W**  
**Fort Myers, Florida 33901-3881**  
**Telephone: (941) 332-6975**  
**Fax: (941) 332-6969**

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Mara G. Nasca at the above address, or call 941/332-6975, Ext. 188 for additional information.

**Zemel Road Municipal Solid Waste Management**

**Facility ID No.:** 0150075

Charlotte County

Initial Title V Air Operation Permit

**DRAFT Permit No.:** 0150075-001-AV

Permitting Authority:

State of Florida Department of Environmental Protection

Post Office Box 2549

Fort Myers, Florida 33902-2549

Telephone: (941) 332-6975

Fax: (941) 332-6969

Drafted on

Initial Title V Air Operation Permit  
DRAFT Permit No.: 0150075-001-AV

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**PERMITTEE:**

Charlotte County Board of  
County Commissioners

**DRAFT PERMIT NO.:** 0150075-001-AV

**Facility ID No.:** 0150075

**SIC Nos.:** 49

**Project:** Initial Title V Air Operation Permit

This permit is for the operation of the Zemel Road Municipal Solid Waste Management facility. This facility is located ½ mile west of U.S. 41, on Zemel Road, approximately 2 miles north of the Charlotte/Lee County line, Charlotte County, UTM Coordinates: Zone 17, 405.47 km East and 2963.98 km North; Latitude: 26°47'44" North and Longitude: 81°57'38" West.

STATEMENT OF BASIS: This Title V air operation permit 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 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 permitting authority, in accordance with the terms and conditions of this permit.

This facility is subject to 40 CFR Chapter 1 Part 60, Subpart WWW adopted by reference in Rule 62-204.800(7)(b)72, F.A.C. and 40 CFR Chapter 1 Part 60, Subpart Cc adopted by reference in Rule 62-204.800(8)(c), F.A.C.

**Referenced attachments made a part of this permit:**

APPENDIX TV-3, TITLE V CONDITIONS (version dated 04/30/99)

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

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

Effective Date: [Month day, year]

Renewal Application Due Date: [Month day, year]

Expiration Date: [Month day, year]

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

**DRAFT**

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Richard W. Cantrell  
Director of  
District Management

RWC/MGN/jw

**Section I. Facility Information.**

**Subsection A. Facility Description.**

This facility consists of fugitive emissions from the landfill surface, and emissions from diesel stormwater pumps.

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

Based on the initial Title V permit application received July 26, 1999 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.<br/>ID No.</u> | <u>Brief Description</u>                               |
|------------------------|--|
| 001                    | Fugitive Nonmethane Organic Compounds (NMOC) emissions |
| 002                    | Diesel stormwater pumps                                |

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s) on all correspondence, test report submittals, applications, etc.*

**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit, however, 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

These documents are on file with permitting authority:

Initial Title V Permit Application received July 26, 1999.

Request for additional information dated September 7, 1999.

Received additional information October 26, 1999

Request for additional information dated November 3, 1999

Received additional information dated March 13, 2000.

Received additional information dated February 3, 2000

## Section II. Facility-wide Conditions.

### The following conditions apply facility-wide.

1. APPENDIX TV-3, TITLE V CONDITIONS, is a part of this permit. {Permitting note: APPENDIX TV-3, TITLE V CONDITIONS, is distributed to the permittee only. Other person requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not 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.  
[Rule 62-296.320(4)(b)1., 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; 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]

5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.  
[Rule 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C]

6. **Not federally enforceable** 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.

[Rule 62-296.320(1)(a), F.A.C. ]

7. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a.) maintenance of roads, parking areas, and yards
- b.) application of water or Department approved suppressants to unpaved roads, yard waste and clean wood mulching area, used motor oil and battery collection center, household hazardous waste facility area, white goods collection area, and the mining of cells
- c.) removal of particulate matter from roads and other paved areas under control of the permittee to prevent reentrainment and from buildings or work areas to prevent particulates
- d.) control emissions at the facility by maintaining traffic speed, posted at 15 mph, if necessary
- e.) landscaping or planting of vegetation

[Rule 62-296.320(4)(c)2., F.A.C. and Title V application dated July 26, 1999]

8. 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.]

9. 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  
Post Office Box 2549  
Fort Myers, Florida 33902-2549  
Telephone: 941/332-6975  
Fax: 941/332-6969

*REVISION*  
*APPLIC. STATE*

10. 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 & Toxic Management Division  
Air and EPCRA Enforcement Branch, Air Enforcement Section  
61 Forsyth Street  
Atlanta, Georgia 30303  
Telephone: 404/562-9155  
Fax: 404/562-9164



**Section III. Emissions Unit(s) and Conditions.**

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**Subsection A. This section addresses the following emissions unit(s).**

E.U.

ID No.

Brief Description

001 Fugitive Nonmethane Organic Compounds (NMOC) emissions

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 note: The emissions unit is regulated under NSPS- 40 CFR, Chapter 1 Part 60, Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills, adopted by reference in Rule 62-204.800(7)(b) 72, F.A.C. and 40 CFR Chapter 1 Part 60, Subpart Cc adopted by reference in Rule 62-204.800(8)(c), F.A.C.. Each permittee subject to the air emissions standards of Rule 62-204.800(8)(c)3., 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 recordkeeping standards in 40 CFR 40 CFR 60.758

**The following specific conditions apply to the emissions unit(s) 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.

[Rule 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 8,760 hours/year.

[Rule 62-4.160(2) and 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.** Permittee of a municipal solid waste 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 40CFR60.752(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.4.** Permittee 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.16.**
- (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)(i)(ii)}

**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).

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

**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 known, 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  $C_{NMOC}$ .

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

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

*FIX*

where,

- $M_{\text{NMOC}}$  = Total NMOC emission rate from the landfill, megagrams per year
- $k$  = methane generation rate constant, year<sup>-1</sup>
- $L_0$  = methane generation potential, cubic meters per megagram solid waste
- $M_i$  = mass of solid waste in the  $i^{\text{th}}$  section, megagrams
- $t_i$  = age of the  $i^{\text{th}}$  section, years
- $C_{\text{NMOC}}$  = concentration of NMOC, parts per million by volume as hexane
- $3.6 \times 10^{-9}$  = 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.

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

*FIX*

where,

- $M_{\text{NMOC}}$  = 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<sup>-1</sup>
- $t$  = age of landfill, years
- $C_{\text{NMOC}}$  = concentration of NMOC, parts per million by volume as hexane
- $c$  = time since closure, years. For active landfill  $c = 0$  and  $e^{-kc} = 1$
- $3.6 \times 10^{-9}$  = 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.

[40CFR60.754(a)(1)(ii)]

**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 40CFR60.752(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.**

[40CFR60.754(a)(2)]

**A.10.** Tier 2. Permittee shall determine the NMOC concentration using the following sampling procedure. Install at least two sample probes per hectare of landfill surface that has retained waste for at least 2 (two) 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. Collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration using EPA Method 25C or EPA Method 18. If using EPA Method 18, the minimum list of compounds to be tested shall be those published in the most recent Compilation of Air Pollutant Emission Factor (AP-42). If composite sampling is used, equal volumes shall be taken from each sample probe. If more than the required number of samples are taken, all samples shall be used in the analysis. The permittee shall divide the NMOC concentration from EPA Method 25C by six to convert from  $C_{\text{NMOC}}$  as carbon to  $C_{\text{NMOC}}$  as hexane. FIX

- (i) 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.7.** and **A.8.**
- (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 40CFR60.752(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 section.

[40CFR60.754(a)(3)]

**A.11.** Tier 3. The site-specific methane generation rate constant shall be determined using EPA Method 2E. 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 owner or operator shall comply with 40CFR60.752(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.

[40CFR60.754(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.

[40CFR60.754(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.18.**

[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)(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 40CFR60.758(F).  
[40CFR60.757(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.  
[40CFR60.757(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 40CFR60.754(a) or (b), as applicable.  
[40CFR60.757(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**.  
[40CFR60.757(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.  
[40CFR60.757(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.  
[40CFR60.757(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 system in compliance with 40CFR60.752(b)(2), during such time as the collection and control system is in operation and in compliance with 40CFR60.753 and 60.755.  
[40CFR60.757(b)(3)]

**Reasonable Assurances**

**A.22.** This emissions unit is also subject to conditions C.1. through C.4. contained in Subsection C. NSPS Common Conditions.

**Subsection B. This section addresses the following emissions unit(s).**

E.U.      Brief Description  
ID No.

002      Five Diesel stormwater pumps – Four 65 hp and one 40 hp pumps

The stormwater pumps are mobile Perkins Model Number 1062/2400. The pumps are used on an as-needed basis depending on rainfall.

**The following specific conditions apply to the emissions unit(s) listed above:**

**Essential Potential to Emit (PTE) Parameters**

**B.1. Permitted Capacity.** The maximum process rate is estimated to be 727 million cubic feet of landfill gas a year.

| <u>E.U.</u><br><u>ID No.</u> | <u>Horsepower Rate</u> | <u>Fuel Type</u> |
|------------------------------|------------------------|------------------|
| 002                          | 4 – 65 hp              | Diesel           |
|                              | 1 – 40 hp              | Diesel           |

[Rules 62-4.160(2), 62-210.200 (PTE), F.A.C.]

**B.2. Method of Operation – Fuel.** The only fuel permitted to be burned is diesel.

**B.3. Hours of Operation.** This emissions unit is allowed to operate continuously 8,760 hours/year.

[Rule 62-4.160(2) and 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.}

**B.4. Carbon Monoxide (CO) emissions** shall not exceed 8.78 TPY.

[Rule 62-4.070(3),F.A.C. and applicant request dated October 26, 1999]

**B.5. Nitrogen Oxide NO<sub>x</sub> emissions** shall not exceed 40.73 TPY.

[Rule 62-4.070(3),F.A.C. and applicant request dated October 26, 1999]

**B.6. Particulate Matter (PM-10) emissions** shall not exceed 2.89 TPY.

[Rule 62-4.070(3),F.A.C. and applicant request dated October 26, 1999]



**B.7.** Sulfur Dioxide (SO<sub>2</sub>) emissions shall not exceed 2.69 TPY  
[Rule 62-4.070(3),F.A.C. and applicant request dated October 26, 1999]

**B.8.** Visible Emissions (VE) shall not be equal to or greater than 20% (percent) opacity.  
[Rule 62-4.070(3), F.A.C.]

**B.9.** Total Organic Compound (TOC) emissions shall not exceed 3.31 TPY  
[Rule 62-4.070(3),F.A.C. and applicant request dated October 26, 1999]

### **Test Methods and Procedures**

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

**B.10.** Compliance with the Emissions Limitations and Standards Specific Condition B.4., B.5., B.6., B.7., and B.9., shall be assured if the visible emissions from each emission point does not exceed 10% opacity, and that best operational practices for minimizing air pollutants are followed. If visible emission exceed 10% opacity, EPA test methods, or other Department approved methods, shall be used to determine compliance of the affected points.  
[Rule 62-4.070(3), F.A.C.]

**B.11.** Visible emissions. The test method for visible emissions shall be DEP Method 9 and shall be conducted annually on or during the 60 day period prior to September 30th.  
[Rules 62-4.070(3), 62-213.440, and 62-297.401, F.A.C.]

**B.12.** Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.  
[Rules 62-297.310(2) and (2)(b), F.A.C.]

**B.13. Applicable Test Procedures.**

(a) Required Sampling Time.

1. Opacity Compliance Tests. When Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

[Rule 62-297.310(4)(a)2.c., F.A.C.]

**Monitoring of Operations**

**B.14. Determination of Process Variables.**

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards. Proper flow meters shall be installed to monitor the fuel being consumed. Proper meters shall be installed to monitor the running time for the emissions unit(s).

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

**Record keeping and Reporting Requirements**

**B.15.** The permittee shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the permittee.

[Rule 62-297.310(7), F.A.C.]

**B.16. Test Reports.**

- (a) The permittee of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed.

[Rule 62-297.310(8), F.A.C.]

**B.17.** Emissions Limitations and Standards compliance shall be demonstrated through on-site monthly recordkeeping (not a monthly report). These records shall be available to the Department for inspection. The records for each emissions unit shall include:

- A.) Month, year
- B.) Throughput of the fuel burned
- C.) Fuel sulfur content certifications/analysis from vendor
- D.) Running time of each emissions unit

[Rule 62-4.070(3), F.A.C.]

**B.18.** In the case of excess emissions resulting from malfunctions, the permittee shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

**Reasonable Assurances**

**B.19.** This emissions unit is also subject to conditions C.1. through C.4. contained in Subsection C. NSPS Common Conditions.

**Subsection Y. NSPS Common Conditions.**

| <u>E.U.<br/>ID No.</u> | <u>Brief Description</u>                              |
|------------------------|---|
| 001                    | Fugitive Nonmethane Organic Compound (NMOC) emissions |
| 002                    | Five stormwater pumps                                 |

The following conditions apply to the emission units listed above:

40 CFR 60 Subpart WWW: Adopted by reference in Rule 62-204.800(7)(b), F.A.C.

**C.1** 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 40CFR258.60. 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 40CFR60.7(a)(4).  
[40CFR60.757(d)]

**C.2** Permittee shall keep for at least 5 years up-to-date, readily accessible, on-site records of the design capacity, report which triggered §60.752(2), 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)]

**C.3.** 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(8)(c)5, F.A.C.]

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

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

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

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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’.

Brief Description of Emissions Units and/or Activity

1. Portable 400 gallon diesel storage tanks
2. Fixed diesel storage tanks
3. Landfill equipment and vehicles
4. Welding equipment
5. Planned emergency generator
6. Miscellaneous fire extinguishers
7. Degreasing units

**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<br>Without Control<br><br>System |          |     |                      |     | 40CFR60.752 and 40CFR60.754 | 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

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 or Parameter  | Fuels | Compliance Method           | Testing Time Frequency | Frequency Base Date* | Minimum Compliance Test Duration | CMS** | See Permit Condition(s)   |
|--|-------|-----------------------------|------------------------|----------------------|----------------------------------|-------|---------------------------|
| NMOC   |       | Reporting and Recordkeeping |                        |                      |                                  |       | A.13.- A.21.,<br>C.1-C.3. |
| <p>Notes:<br/>* The frequency base date is established for planning only; see Rule 62-297.310, F.A.C.<br/>** CMS [= ] continuous monitoring system</p> |       |                             |                        |                      |                                  |       |                           |

**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:  
002      Diesel Stormwater pumps

| Pollutant Name  | Fuels | Hours/Year | Allowable Emissions |          |       | Equivalent Emissions |     | Regulatory Citation(s) | See Permit Conditions |
|-----------------|-------|------------|---------------------|----------|-------|----------------------|-----|------------------------|-----------------------|
|                 |       |            | Standard(s)         | lbs/hour | TPY   | lbs/hour             | TPY |                        |                       |
| CO              |       | 8760       |                     |          | 8.78  |                      |     | 62-4.070(3),F.A.C.     | B.4.                  |
| NO <sub>x</sub> |       | 8760       |                     |          | 40.73 |                      |     | 62-4.070(3),F.A.C.     | B.5                   |
| PM-10           |       | 8760       |                     |          | 2.89  |                      |     | 62-4.070(3),F.A.C.     | B.6                   |
| SO <sub>2</sub> |       | 8760       |                     |          | 2.69  |                      |     | 62-4.070(3),F.A.C.     | B.7.                  |
| VE              |       | 8760       | <20 % opacity       |          |       |                      |     | 62-4.070(3),F.A.C.     | B.8.                  |
| TOC             |       | 8760       |                     |          | 3.31  |                      |     | 62-4.070(3),F.A.C.     | B.9.                  |

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

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:  
\_\_\_\_\_



| Pollutant Name or Parameter  | Fuels | Compliance Method                    | Testing Time Frequency | Frequency Base Date* | Minimum Compliance Test Duration | CMS** | See Permit Condition(s)          |
|--|-------|--------------------------------------|------------------------|----------------------|----------------------------------|-------|----------------------------------|
| CO, NO <sub>x</sub> , PM-10 SO <sub>2</sub> , TOC  |       | VE <20% Opacity<br><br>Recordkeeping | Annual                 | Sept. 30th           | 30 Minutes                       |       | B.10.<br><br>B.15., B.16., B.17. |
| Notes:<br>* The frequency base date is established for planning only; see Rule 62-297.310, F.A.C.<br>** CMS [ = ] continuous monitoring system |       |                                      |                        |                      |                                  |       |                                  |