Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

E-CORRESPONDENCE
dgregory@seminolecountfl.gov

David Gregory, Solid Waste Manager
Seminole County Board of County Commissioners
500 West Lake Mary Blvd.
Sanford, FL 32773-7499

Re: **DRAFT** Title V Air Operation Permit No.: 1170084-006-AV
Osceola Road Solid Waste Management Facility

Dear Mr. Gregory:

One copy of the notice and the DRAFT Title V Air Operation Permit for the Osceola Road Solid Waste Management Facility, located at 1930 East Osceola Road, Geneva, Seminole County, Florida, is enclosed. The permitting authority's "INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT" and the "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT" are also included.

An electronic version of the DRAFT Permit will be posted on the Division of Air Resources 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 A TITLE V AIR OPERATION PERMIT" must be published as soon as possible upon receipt of this letter. 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 Alan Zahm P.E., at the above letterhead address. If you have any other questions, please contact Mr. Zahm at 407/893-3335.

Sincerely,

James N. Bradner, P.E.
Program Administrator
Air Resources Management

JNB/az
Enclosures

In the Matter of an
Application for Permits by:

Seminole County
Board of County Commissioners
500 West Lake Mary Blvd.
Sanford, FL 32773-7499
Attn: David Gregory, Solid Waste Manager

DRAFT Title V Operation Permit No.: 1170084-006-AV

Osceola Road Solid Waste Management Facility
Seminole County

INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT

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

The applicant, Seminole County Board of County Commissioners, applied on February 27, 2007, to the permitting authority for a Title V Air Operation Permit for the Osceola Road Solid Waste Management Facility, located at 1930 East Osceola Road, Sanford, Seminole County, Florida.

The permit will allow operation of the existing landfill facility that includes a landfill gas collection and flare system. This facility is a source of air emissions.

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 are required to continue operations at the described facility.

The permitting authority intends to issue the 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 403.0872, 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 A 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. 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, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803, [Telephone: 407/894-7555, Fax: 407/897-5963] 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 62-110.106(5), F.A.C.

The permitting authority will issue the PROPOSED Title V Air Operation Permit, and subsequent FINAL Title V Air Operation Permit, in accordance with the conditions of the enclosed DRAFT Title V Air Operation 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 Air Operation Permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE A 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 Title V Air Operation Permit, the permitting authority shall issue a Revised DRAFT Title V Air Operation 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 at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, FL 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 14 (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 14 (fourteen) days of publication of the public notice or within 14 (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 14 (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(s) 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 permit revision. Any petition shall be based only on objections to the permit revision 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 Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

James N. Bradner

James N. Bradner, P.E.
Program Administrator
Air Resources Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT Title V Air Operation Permit package) and all copies were sent by certified mail or electronically (with Read Receipt) before the close of business on 6/11/07 to the person(s) listed:

E-CORRESPONDENCE
dgregory@seminolecountyfl.gov

David Gregory, Solid Waste Manager
Seminole County Board of County Commissioners
500 West Lake Mary Blvd.
Sanford, FL 32773-7499

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

David H. Penoyer, P.E. **(dpenoyer@scsengineers.com)**

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

Caroline Shine, FDEP
Barbara Friday, BAR **[Barbara.Friday@dep.state.fl.us]** (for posting with Region 4, USEPA)

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk 6/11/07
Date

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

Florida Department of Environmental Protection
Central District

DRAFT Title V Air Operation Permit No.: 1170084-006-AV

Osceola Road Solid Waste Management Facility
Seminole County

The Florida Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit to Seminole County Board of County Commissioners, for the Osceola Road Solid Waste Management Facility, located at 1930 East Osceola Road, Geneva, Seminole County, Florida. The applicant's name and address are: Seminole County Board of County Commissioners, 500 West Lake Mary Blvd., Sanford, FL 32773-7499, Attention: Mr. David Gregory, Solid Waste Manager.

Title V Air Operation Permit No. 1170084-006-AV will allow operation of the existing landfill facility that includes a landfill gas collection and flare system. This facility is a source of air emissions.

The permitting authority will issue the PROPOSED Title V Air Operation Permit and subsequent FINAL Title V Air Operation Permit, in accordance with the conditions of the DRAFT Title V Air Operation 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 Air Operation Permit issuance action for a period of 30 (thirty) days from the date of publication of this Public Notice. 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 the Florida Department of Environmental Protection, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803 (telephone: 407/894-7555; fax: 407/897-5963). 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://faw.dos.state.fl.us/ 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 in this 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, FL 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 14 (fourteen) days of publication of the public notice or within 14 (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 14 (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(s) 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 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 SW, 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
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

The complete project file includes the DRAFT Title V Air Operation Permit, the application(s), and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Alan Zahm P.E., at the above address or call 407/893-3335 for additional information.

Osceola Road Solid Waste Management Facility
Facility ID No.: 1170084
Seminole County

Title V Air Operation Permit Renewal

DRAFT Permit Project No.: **1170084-006-AV**

Permitting Authority:
DEP Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

Compliance Authority:
DEP Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

Title V Air Operation Permit Renewal

DRAFT Permit No.: **1170084-006-AV**

Table of Contents

Section	Page Number
Placard Page	1
I. Facility Information	2 - 3
A. Facility Description	
B. Summary of Emissions Unit ID No(s). and Brief Description(s)	
C. Relevant Documents	
D. Miscellaneous	
II. Facility-wide Conditions	3 - 5
III. Emissions Unit(s) and Conditions	
A. Emission Unit 001: Municipal solid waste landfill with two candlestick flares	6 - 7
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers	
Appendix B, 40CFR60, Subpart WWW; 40CFR63 Subpart AAAA, Combined General Provisions	
Appendix C, 40CFR60, Subpart WWW; 40CFR63 Subpart AAAA, Combined Standard Conditions	
Appendix D-1, Definitions for Subpart WWW – Municipal Solid Waste Landfills	
Appendix E-1, 40CFR60 and 61, Subpart A, Flares, General Provisions	
Appendix H-1, Permit History	
Appendix I-1, List of Insignificant Emissions Units and/or Activities	
APPENDIX TV-6, TITLE V CONDITIONS	
Tables 1, 2, and 3, Summaries of Requirements for Municipal Solid Waste Landfills	
Statement of Basis	

Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Permittee:
Seminole County
Board of County Commissioners
500 West Lake Mary Blvd.
Sanford, FL 32773-7499

DRAFT Permit No.: 1170084-006-AV
Facility ID No.: 1170084
SIC No(s).: 49, 4953
Project: Osceola Road Landfill Facility

The purpose of this permit is to renew Title V Air Operation Permit, No. 1170084-006-AV. This existing landfill facility is located at 1930 East Osceola Road, Geneva, Florida; UTM Coordinates: Zone 17, 492.00 km East and 3184.50 km North; and, Latitude: 28° 47' 30" North and Longitude: 81° 04' 42" 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 B, 40CFR60, Subpart WWW; 40CFR63 Subpart AAAA, Combined General Provisions
Appendix C, 40CFR60, Subpart WWW; 40CFR63 Subpart AAAA, Combined Standard Conditions
Appendix D-1, Definitions for Subpart WWW – Municipal Solid Waste Landfills
Appendix E-1, 40CFR60 and 61, Subpart A, Flares, General Provisions
Appendix I-1, List of Insignificant Emissions Units and/or Activities
APPENDIX TV-6, TITLE V CONDITIONS
Tables 1, 2, and 3, Summaries of Requirements for Municipal Solid Waste Landfills

Effective Date:	**tbd**
Renewal Application Due Date:	**February 28, 2012**
Expiration Date:	**August 30, 2012**

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

_____
James N. Bradner, P.E.
Program Administrator
Air Resources Management

JNB/azt

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of an active, Class I municipal solid waste disposal facility (landfill) with a design capacity equal to 45,000,000 cubic yards. The landfill started receiving waste in 1970. It is an active asbestos waste disposal site. There is no bioreactor at the landfill. Non-methane organic compound (NMOC) emissions are calculated to be equal to or greater than 50 megagrams per year. Collection and control of landfill gas emissions began in March 1999. Landfill gas emissions are collected and controlled by two flares.

Based on the Title V Air Operation Permit Revision application received July 22, 2003, the landfill is **not** a major source of HAPs, but is a major source of non-HAP pollutants.

This facility is subject to 40CFR60, Subparts WWW and A and 40CFR63, Subparts AAAA and A.

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

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U. ID No.	Brief Description
-001	Municipal solid waste landfill with two flares

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, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History
Statement of Basis

These documents are on file with the permitting authority:

Initial Title V Air Operation Permit issued August 10, 1998.
Title V Air Operation Permit Renewal issued August 27, 2002.
Application for a Title V Air Operation Permit Revision received July 22, 2003.
Title V Air Operation Permit Revision issued January 14, 2004.
Application for a Title V Air Operation Permit Renewal received February 27, 2007.

Subsection D. Miscellaneous.

The use of 'Permitting Notes' throughout this permit are for informational purposes only and are not permit conditions.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-6, TITLE V CONDITIONS are a part of this permit.

2. 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).
[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. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 1515
Lanham-Seabrook, Maryland 20703-1515
Telephone: 301/429-5018

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. 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.]

6. 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, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and

ordered by the Department. To comply, procedures to minimize pollutant emissions shall include the following:

a. Tightly cover or close all VOC containers when they are not in use;
b. Tightly cover, where possible, all open troughs, basins, baths, tanks, etc.;
c. Maintain all piping, valves, fittings, etc. in good operating condition;
d. Prevent excessive air turbulence across exposed VOC; and
e. Immediately confine and clean up spills of VOC containing materials.

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

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

a. Application of asphalt, water, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities;
b. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne;
c. Landscaping or planting of vegetation; and
d. Other techniques, as necessary.

[Rule 62-296.320(4)(c)2., F.A.C.]

8. When appropriate, any recordings, 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 air compliance section of this office:

Florida Department of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803
Telephone: 407/893-3336
Fax: 407/897-5963

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 & Toxics Management Division
Air & EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155
Fax: 404/562-9163

11. Annual 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 air compliance section of this office 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-6, TITLE V CONDITIONS)}

12. 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, 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.]

13. Annual Operating Report. A DEP Form No. 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" including the Emissions Report, shall be completed for each calendar year **on or before March 1** of the following year and submitted to the air compliance section of this office.
[Rule 62-210.370(3), F.A.C.]

14. At least 180 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of the air permit application, DEP Form No. 62-210.900(1).
[Rule 62-4.090(1), F.A.C.]

Section III. Emissions Unit(s) and Conditions.

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

E.U. ID No.	Brief Description
-001	Municipal solid waste landfill with two flares

{Permitting note: This emissions unit is regulated under: NSPS - 40 CFR 60, Subpart A, General Provisions, 40 CFR 60 Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills; NESHAP - 40 CFR Part 63, Subpart A, General Provisions and 40 CFR Part 63, Subpart AAAA, National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills adopted and incorporated by reference in Rule 62-204.800, F.A.C.,.}

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

Essential Potential to Emit (PTE) Parameters

A1. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

A2. The flare control system shall be designed for and operated with no visible emissions except for periods not to exceed a total of five minutes during any two consecutive hours.
[Rule 40 CFR 60.18(c)(1)]

A3. The flare control system shall be operated with a flame present at all times, as determined by a thermocouple or any other equivalent device to detect the presence of a flame.
[40 CFR 60.18(c)(2)]

A4. The maximum permitted emissions of combined hazardous air pollutants (HAPs) from all sources at the facility shall be less than 25.0 tons per consecutive 12 months and the maximum permitted emissions of any individual HAP from the facility shall be less than 10.0 tons per consecutive 12 months.
[Rule 62-210.200(PTE), F.A.C. and permit 1170084-004-AV]

Test Methods and Procedures

{Permitting note: Table 3, Summary of Compliance Requirements for Municipal Solid Waste Landfills, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A5. Each flare must be tested for visible emissions in accordance with EPA Method 22. The test period is 2 hours. Initial testing shall be conducted within 180 days of initial startup and subsequent testing shall be conducted annually.
[Rules 62-4.070 and 62-297.310(4)(a)2., F.A.C.]

A6. The permittee shall notify the Central District Office of the DEP, in writing, at least 15 days prior to the date on which the formal compliance test is to begin. The notification shall include the date, time and place of each such test, as well as the name of the contact person who will be responsible for coordinating and having such tests conducted for the owner.
[Rule 62-297.310(7)(a)9., F.A.C.]

A7. 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.
[Rule 62-297.310(8)(b), F.A.C.]

A8. In order to demonstrate compliance with condition number **A4**, the permittee shall maintain a log at the facility for a period of at least five years from the date the data is recorded. The log shall contain the following:

Monthly
a) month
b) consecutive 12-month total of:
- combined HAP emissions
- individual HAP emissions

Note: A consecutive 12-month total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-month total treats each month of the year as the end of a 12-month period. A 12-month total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12-month totals using whatever number of months of data are available until such a time as a consecutive 12-month total can be maintained each month.
[Rules 62-4.070(3), and 62-213.440(1)(b)2.b., F.A.C.]

A9. This emission unit is subject to the following requirements from title 40 of the CFR Part 60 (see attached Appendix B and C):

40 CFR 60.7	**Notification and record keeping**
40 CFR 60.8	**Performance tests**
40 CFR 60.11	**Compliance with standards and maintenance requirements**
40 CFR 60.13	**Monitoring requirements**
40 CFR 60.14	**Modification**
40 CFR 60.15	**Reconstruction**
40 CFR 60.752(b)	**Standards for air emissions from municipal solid waste landfills**
40 CFR 60.757	**Reporting requirements**
40 CFR 60.758(a)	**Record keeping requirements**

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

Abbreviations and Acronyms:

°F:	Degrees Fahrenheit
BACT:	Best Available Control Technology
CFR:	Code of Federal Regulations
DEP:	State of Florida, Department of Environmental Protection
DARM:	Division of Air Resource Management
EPA:	United States Environmental Protection Agency
F.A.C.:	Florida Administrative Code
F.S.:	Florida Statute
ISO:	International Standards Organization
LAT:	Latitude
LONG:	Longitude
MMBtu:	million British thermal units
MW:	Megawatt
ORIS:	Office of Regulatory Information Systems
SOA:	Specific Operating Agreement
UTM:	Universal Transverse Mercator

Citations:

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, permit numbers, and ID numbers.

Code of Federal Regulations:

Example: **[40 CFR 60.334]**

Where:	40	reference to	Title 40
	CFR	reference to	Code of Federal Regulations
	60	reference to	Part 60
	60.334	reference to	Regulation 60.334

Florida Administrative Code (F.A.C.) Rules:

Example: **[Rule 62-213, F.A.C.]**

Where:	62	reference to	Title 62
	62-213	reference to	Chapter 62-213
	62-213.205	reference to	Rule 62-213.205, F.A.C.

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by state database.

Permit Numbers:

Example: 1050221-002-AV, or
1050221-001-AC

Where:

AC = Air Construction Permit
AV = Air Operation Permit (Title V Source)
105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by permit tracking database
001 or 002 = 3-digit sequential project number assigned by permit tracking database

Example: PSD-FL-185
PA95-01
AC53-208321

Where:

PSD = Prevention of Significant Deterioration Permit
PA = Power Plant Siting Act Permit
AC = old Air Construction Permit numbering

Definitions for Subpart WWW - Municipal Solid Waste Landfills

Active collection system means a gas collection system that uses gas mover equipment.

Active landfill means a landfill in which solid waste is being placed or a landfill that is planned to accept waste in the future.

Closed landfill means a landfill in which solid waste is no longer being placed, and in which no additional solid wastes will be placed without first filing a notification of modification as prescribed under Sec. 60.7(a)(4). Once a notification of modification has been filed, and additional solid waste is placed in the landfill, the landfill is no longer closed. A landfill is considered closed after meeting the criteria of Sec. 258.60 of this title.

Closure means that point in time when a landfill becomes a closed landfill.

Commercial solid waste means all types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding residential and industrial wastes.

Controlled landfill means any landfill at which collection and control systems are required under this subpart as a result of the nonmethane organic compounds emission rate. The landfill is considered controlled at the time either (1) A notification of intent to install a collection and control system or (2) A collection and control system design plan is submitted in compliance with Sec. 60.752(b)(2)(i).

Design capacity means the maximum amount of solid waste a landfill can accept, as specified in the construction or operating permit issued by the State, local, or Tribal agency responsible for regulating the landfill.

Disposal facility means all contiguous land and structures, other appurtenances, and improvements on the land used for the disposal of solid waste.

Emission rate cutoff means the threshold annual emission rate to which a landfill compares its estimated emission rate to determine if control under the regulation is required.

Enclosed combustor means an enclosed firebox which maintains a relatively constant limited peak temperature generally using a limited supply of combustion air. An enclosed flare is considered an enclosed combustor.

Flare means an open combustor without enclosure or shroud.

Gas mover equipment means the equipment (i.e., fan, blower, compressor) used to transport landfill gas through the header system.

Household waste means any solid waste (including garbage, trash, and sanitary waste in septic tanks) derived from households (including, but not limited to, single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas).

Industrial solid waste means solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under Subtitle C of the Resource Conservation and Recovery Act, parts 264 and 265 of this title. Such waste may include, but is not limited to, waste resulting from the following manufacturing processes: electric power generation; fertilizer/agricultural chemicals; food and related products/by-products; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textile manufacturing; transportation equipment; and water treatment. This term does not include mining waste or oil and gas waste.

Interior well means any well or similar collection component located inside the perimeter of the landfill. A perimeter well located outside the landfilled waste is not an interior well.

Landfill means an area of land or an excavation in which wastes are placed for permanent disposal, and that is not a land application unit, surface impoundment, injection well, or waste pile as those terms are defined under Sec. 257.2 of this title.

Lateral expansion means a horizontal expansion of the waste boundaries of an existing MSW landfill. A lateral expansion is not a modification unless it results in an increase in the design capacity of the landfill.

Municipal solid waste landfill or *MSW landfill* means an entire disposal facility in a contiguous geographical space where household waste is placed in or on land. An MSW landfill may also receive other types of RCRA Subtitle D wastes (Sec. 257.2 of this title) such as commercial solid waste, nonhazardous sludge, conditionally exempt small quantity generator waste, and industrial solid waste. Portions of an MSW landfill may be separated by access roads. An MSW landfill may be publicly or privately owned. An MSW landfill may be a new MSW landfill, an existing MSW landfill, or a lateral expansion.

Municipal solid waste landfill emissions or *MSW landfill emissions* means gas generated by the decomposition of organic waste deposited in an MSW landfill or derived from the evolution of organic compounds in the waste.

NMOC means nonmethane organic compounds, as measured according to the provisions of Sec. 60.754.

Nondegradable waste means any waste that does not decompose through chemical breakdown or microbiological activity. Examples are, but are not limited to, concrete, municipal waste combustor ash, and metals.

Passive collection system means a gas collection system that solely uses positive pressure within the landfill to move the gas rather than using gas mover equipment.

Sludge means any solid, semisolid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility, exclusive of the treated effluent from a wastewater treatment plant.

Solid waste means any garbage, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility and other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community activities, but does not include solid or dissolved material in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges that are point sources subject to permits under 33 U.S.C. 1342, or source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended (42 U.S.C 2011 et seq.).

Sufficient density means any number, spacing, and combination of collection system components, including vertical wells, horizontal collectors, and surface collectors, necessary to maintain emission and migration control as determined by measures of performance set forth in this part.

Sufficient extraction rate means a rate sufficient to maintain a negative pressure at all wellheads in the collection system without causing air infiltration, including any wellheads connected to the system as a result of expansion or excess surface emissions, for the life of the blower.

Appendix E-1

Subpart A-General Provisions

40 CFR 60.18 General control device requirements. (Flares)

Introduction. This section contains requirements for control devices used to comply with applicable subparts of parts 40 CFR 60 and 40 CFR 61. The requirements are placed here for administrative convenience and only apply to facilities covered by subparts referring to this section.

1. Flares shall be designed for and operated with no visible emissions as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(c)(1)].

2. Flares shall be operated with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f).
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(c)(2)].

3. Flares shall be used only with the net heating value of the gas being combusted being 11.2 MJ/scm (300 Btu/scf) or greater if the flare is steam-assisted or air-assisted; or with the net heating value of the gas being combusted being 7.45 MJ/scm (200 Btu/scf) or greater if the flare is non assisted. The net heating value of the gas being combusted shall be determined by the methods specified in 40 CFR 60.18(f).
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(c)(3)].

4. (i) Steam-assisted and non assisted flares shall be designed for and operated with an exit velocity, as determined by the methods specified in 40 CFR 60.18(f)(4), less than 18.3 m/sec (60 ft/sec), except as provided in 40 CFR 60.18(c)(4)(ii) and 40 CFR 60.18(c)(4)(iii).

(ii) Steam-assisted and non assisted flares designed for and operated with an exit velocity, as determined by the methods specified in 40 CFR 60.18(f)(4), equal to or greater than 18.3 m/sec (60 ft/sec) but less than 122 m/sec (400 ft/sec) are allowed if the net heating value of the gas being combusted is greater than 37.3 MJ/scm (1,000 Btu/scf).

(iii) Steam-assisted and non assisted flares designed for and operated with an exit velocity, as determined by the methods specified in 40 CFR 60.18(f)(4), less than the velocity, Vmax, as determined by the method specified in 40 CFR 60.18(f)(5), and less than 122 m/sec (400 ft/sec) are allowed.

[Rule 62-296.800, F.A.C.; 40 CFR 60.18(c)(4)].

5. Air-assisted flares shall be designed and operated with an exit velocity less than the velocity, Vmax, as determined by the method specified in 40 CFR 60.18(f)(6).
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(c)(5)].

6. Flares used to comply with this section shall be steam-assisted, air-assisted, or non assisted.
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(c)(6)].

7. Owners or operators of flares used to comply with the provisions of this subpart shall monitor these control devices to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how owners or operators of flares shall monitor these control devices.
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(d)].

8. Flares used to comply with provisions of this subpart shall be operated at all times when emissions may be vented to them.
[Rule 62-296.800, F.A.C.; 40 CFR 60.18(e)].

9. (1) Reference Method 22 shall be used to determine the compliance of flares with the visible emission provisions of this subpart. The observation period is 2 hours and shall be used according to Method 22.
(2) The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame.
(3) The net heating value of the gas being combusted in a flare shall be calculated using the following equation:

$$H_T = K \sum_{i=1}^{n} C_i H_i$$

where:
HT=Net heating value of the sample, MJ/scm; where the net enthalpy per mole of offgas is based on combustion at 25 °C and 760 mm Hg, but the standard temperature for determining the volume corresponding to one mole is 20 °C;

K = Constant, 1.740×10^{-7} (1/ppm) (g mole/scm) (MJ/kcal)
where the standard temperature for (g mole/scm) is 20°C;

Ci=Concentration of sample component i in ppm on a wet basis, as measured for organics by Reference Method 18 and measured for hydrogen and carbon monoxide by ASTM D1946-77 (Incorporated by reference as specified in 40 CFR 60.17); and
Hi=Net heat of combustion of sample component i, kcal/g mole at 25 °C and 760 mm Hg. The heats of combustion may be determined using ASTM D2382-76 (incorporated by reference as specified in 40 CFR 60.17) if published values are not available or cannot be calculated.

(4) The actual exit velocity of a flare shall be determined by dividing the volumetric flowrate (in units of standard temperature and pressure), as determined by Reference Methods 2, 2A, 2C, or 2D as appropriate; by the unobstructed (free) cross sectional area of the flare tip.

(5) The maximum permitted velocity, Vmax, for flares complying with 40 CFR 60.18(c)(4)(iii) shall be determined by the following equation.

$$\text{Log10 (Vmax)}=(HT+28.8)/31.7$$

Vmax=Maximum permitted velocity, M/sec
28.8=Constant
31.7=Constant
HT=The net heating value as determined in 40 CFR 60.18(f)(3).

(6) The maximum permitted velocity, Vmax, for air-assisted flares shall be determined by the following equation.

$$Vmax=8.706+0.7084\ (HT)$$

Vmax=Maximum permitted velocity, m/sec
8.706=Constant
0.7084=Constant
HT=The net heating value as determined in 40 CFR 60.18(f)(3).

[Rule 62-296.800, F.A.C.; 40 CFR 60.18(f)].

a1.con
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07/01/96

Appendix H-1: Permit History

Seminole County Board of County Commissioners
Osceola Road Solid Waste Management Facility

DRAFT Permit No.: 1170084-006-AV
Facility ID No.: 1170084

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type [1]
-001	Osceola Road Solid Waste Management Facility	**1170084-001-AV**	08/10/98	08/30/02	Initial
-001	Osceola Road Solid Waste Management Facility	**1170084-003-AV**	08/27/02	08/30/07	Renewal
-001	Osceola Road Solid Waste Management Facility	**1170084-004-AV**	01/13/04	08/30/07	Revision
-002 – 005	Osceola Road Solid Waste Management Facility (6 engines)	**1170084-005-AV (PSD-FL-376)**	01/17/07	10/01/08	Construction
-001	Osceola Road Solid Waste Management Facility	**1170084-006-AV**	tbd	08/30/12	Renewal

[1] Project Type (select one): Title V: Initial, Revision, Renewal, or Admin. Correction; Construction (new or mod.); or, Extension (AC only).

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

Seminole County
Board of County Commissioners
Osceola Road Solid Waste Management Facility

DRAFT Permit No.: **1170084-006-AV**
Facility ID No.: 1170084

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. Construction and Demolition Debris Recycling Area

2. Asbestos Disposal Area

3. Household Hazardous Waste Storage Facility

4. Yard Waste Processing Area

5. Borrow Area and Roadways

6. Waste Oil Storage and lead Acid Battery Facility

7. Sheriff's Department Disposal Area

APPENDIX TV-6, TITLE V CONDITIONS (version dated 06/23/06)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

{Permitting note: APPENDIX TV-6, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

Chapter 62-4, F.A.C.

1. **Not federally enforceable.** General Prohibition. Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, constructed, expanded, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.
[Rule 62-4.030, Florida Administrative Code (F.A.C.); and, Section 403.087, Florida Statute (F.S.)]

2. **Not federally enforceable.** Procedures to Obtain Permits and Other Authorizations; Applications.
(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.
(2) All applications and supporting documents shall be filed in quadruplicate with the Department.
(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution, shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except, when the application is for renewal of an air pollution operation permit at a non-Title V source as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.
(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.
(b) When an application is received without the required fee, the Department shall acknowledge receipt of the application and shall immediately notify the applicant by certified mail that the required fee was not received and advise the applicant of the correct fee. The Department shall take no further action until the correct fee is received. If a fee was received by the Department which is less than the amount required, the Department shall return the fee along with the written notification.
(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.
(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.
(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.
(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.
(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application for the same time duration except for modification under Chapter 62-45, F.A.C.
[Rule 62-4.050, F.A.C.]

40 CFR 60 Subpart WWW and 40 CFR 63 Subpart AAAA (7/10/03)

TABLE 1. SUMMARY OF MONITORING REQUIREMENTS FOR MSW LANDFILLS

Equipment	Monitoring Action	Schedule	Reference
Gas Collection System	Monitor gauge pressure within each gas extraction well. A negative value indicates a well is operating with a sufficient gas extraction rate.	Monthly	§60.756(a)(1)
	Monitor nitrogen concentration using Method 3C or oxygen concentration using Method 3A. Nitrogen concentration values <20 percent or oxygen concentration values < 5 percent indicate well extraction rates are not causing excessive air infiltration into the landfill.	Monthly	§60.756(a)(2)
	Monitor LFG temperature in extraction well; should be <55°C (131°F), unless otherwise demonstrated that a higher temperature is appropriate. An elevated LFG temperature is an indicator of subsurface fires and aerobic conditions within the landfill.	Monthly	§60.756(a)(3)
	Monitor methane concentration at the landfill surface. Values <500 ppm above background indicate well extraction rates are sufficient to minimize the amount of LFG seeping out of the landfill.	Quarterly OR Skip Method[a]	§60.755(c) and §60.756(f)
	For an alternative gas collection system design, the owner/operator must submit appropriate monitoring requirements to the implementing agency for approval.	To Be Determined	§60.756(e)
Gas Control System	Record gas flow from collection system to enclosed combustion device (unless bypass line valves are secured in a closed position with car-seal or lock-and-key type configuration). This requirement identifies periods when gas flow has been diverted from the control device.	At least once every 15 minutes OR Monthly inspections of bypass line seals	§60.756(b)(2)
	Monitor gas flow from collection system to open flare (unless bypass line valves are secured in a closed position with car-seal or lock-and-key type configuration). This requirement identifies periods when gas flow has been diverted from the control device.	At least once every 15 minutes OR Monthly inspections of bypass line seals	§60.756(c)(2)
	Monitor combustion temperature of the enclosed combustion device with a temperature monitoring device equipped with a continuous recorder. (Temperature monitoring is not required for a boiler or process heater >44 megawatts) This requirement identifies operational and performance status of control device.	Continuous	§60.756(b)(1)
	Monitor the continuous presence of a pilot flame or the flare flame for an open flare. This requirement confirms operational status of control device.	Continuous	§60.756(c)(1)
	For an alternative control device, the owner/operator must submit appropriate monitoring requirements to the implementing agency for approval.	To Be Determined	§60.756(d)

[a] When monitoring of methane concentration for a closed landfill shows no exceedances for three consecutive quarterly monitoring periods, then monitoring can be "skipped" to annual monitoring. Any exceedance of the 500 ppm methane standard returns the landfill to quarterly monitoring.

40 CFR 60 Subpart WWW and 40 CFR 63 Subpart AAAA (7/10/03)

TABLE 2. SUMMARY OF RECORDKEEPING REQUIREMENTS FOR MSW LANDFILLS

Operation	Recordkeeping Item	Reference
Landfill Design Capacity	If Design Capacity was converted from mass to volume or volume to mass to demonstrate that design capacity is <2.5 million Mg or 2.5 million m^3, records of annual recalculation of site-specific density, design capacity, and supporting documentation.	§60.758(f)
Landfill and Control System Design	Current maximum design capacity, current amount of refuse-in-place, and year-by-year refuse accumulation rates	§60.758(a)
	Plot map showing each existing and planned well in the gas collection system. Provide unique identifying labels for each well. Installation date and location of all newly installed wells per §60.755(b).	§60.758(d)
	Description, location, amount, and placement date of all nondegradable refuse including asbestos and demolition refuse placed in landfill areas which are excluded from LFG collection and control.	§60.758(d)(1) §60.758(d)(2)
Monitored Operating Parameters for Gas Collection and Control Systems	(1) Gauge pressure in each extraction well, (2) Nitrogen or oxygen concentration in extracted LFG. (3) Temperature of extracted LFG. (4) Methane concentrations along landfill surface. (5) Gas flow from collection system to the BDT control device (or seal bypass lines and inspect seals. (6) Combustion temperature of an enclosed combustion device or the continuous presence of a pilot flame for an open flare. (7) Operating parameters for alternative collection and control system designs, which are specified by the landfill and approved by the implementing agency.	§60.756(a)(1) §60.756(a)(2) §60.756(a)(3) §60.756(f) §60.756(b)(2)(i) &(ii) §60.756(c) §60.756(e)
Collection and Control System Design and Measurements From Initial Performance Test	Maximum expected gas generation flow rate Density of wells, horizontal collectors, surface collectors, or other gas extraction devices.	§60.758(b)(1)(i) §60.758(b)(1)(ii)
	For open flares: (1) Type of flare (steam-, air-, or non-assisted), (2) All visible emission readings, (3) Heat content determination, (4) Gas flow rate or bypass measurements, (5) Exit velocity determinations, (6) Continuous pilot flame or flare flame monitoring, and (7) All periods when pilot flame or flare flame is absent.	§60.758(b)(4)
	For enclosed combustion devices (except for boilers/process heaters with a heat input ≥ 44 Megawatts [150 million Btu/hr] (1) Average combustion temperature measured at least every 15 minutes and averaged over the performance test duration (2) Percent reduction of NMOC's by the control device.	§60.758(b)(2)(i) §60.758(b)(2)(ii)
	For boilers/process heaters (of any size) Describe Location where LFG is introduced into the boiler flame zone.	§60.758(b)(3)
Gas Control System: Periods When Operating Parameters Exceeded Limits Set by Most Recent Performance Test	For an open flare: Record all pilot flame or flare flame monitoring data and all periods when pilot flame or Flare flame was absent.	§60.758(c)(4)
	For enclosed combustion devices (except for boilers/process heaters with a heat input ≥ 44 Megawatts [150 million Btu/hr] Record all 3-hour periods in which the average combustion temperature was more than 28degrees C (50 degrees F) below the average combustion temperature measured during the most recent performance test.	§60.758(c)(1)(i)
	For boilers/process heaters with a heat input ≥44 Megawatts {150 Million Btu/hr] Document all periods of operation by recording parameters, such as steam use, fuel use, Or other specified parameters required by other regulatory agencies.	§60.758(c)(3)
	For boilers/process heaters Document any changes to the location where collected LFG is introduced in the boiler Flame zone.	§60.758(c)(1)(ii)
	Records of continuous flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals or lock-and-key configurations used to seal bypass lines.	§60.758(c)(2)
	Records of continuous flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals or lock-and-key configurations used to seal bypass lines.	§60.758(c)(2)
Gas Collection and Control System: Exceedances of operational standards	Record all values which exceed the operational standards specified in §60.753. Also include the operating value from the next monitoring period and the location of each exceedance: (1) New well installation, (2) Pressure in each extraction well, (3) Nitrogen concentration or oxygen concentration in extracted LFG, (4) Temperature of extracted LFG, (5) Methane concentrations along landfill surface, (6) Collected LFG is routed to control device at all times, note periods when the collection system and/or control device were not operational.	§60.758(e)
Startup Shutdown and Malfunction	Occurrence and duration of each SSM of operation (i.e. process equipment) Occurrence and duration of each SSM of required air pollution control and monitoring equipment	§63.10(d)(2)(i) §63.10(d)(2)(ii)

	All required maintenance performed on the air pollution control and monitoring equipment Actions taken when procedures are different than specified in §63.6(e)(3) All information necessary to demonstrate conformance with the affected source's SSM plan	§63.10(d)(2)(iii) §63.10(d)(2)(iv) §63.10(d)(2)(v)
Bioreactors	General Recordkeeping Requirements	§63.1980(b), (g)-(h)

TABLE 3. SUMMARY OF COMPLIANCE REPORTING REQUIREMENTS FOR MSW LANDFILLS

Report or Action	Schedule	Reference
Initial Design Capacity Report	**Submit report no later than** **(1) June 10, 1996 for landfills that commenced construction, modification, or reconstruction on or after May 30, 1991 but before March 12, 1996, or** **(2) 90 days after the date the landfill commenced construction, modification, or reconstruction on or after March 12, 1996.**	**§60.757(a)(1)** **§60.757(a)(2)**
Amended Design Capacity Report	**If design capacity is increased to a value that equals or exceeds 2.5 million Mg, the landfill must submit an Amended Design Capacity Report. Submit report 90 days of an increase in the maximum design capacity of the landfill to or above the 2.5 million Mg and 2.5 million m^3 size exemption**	**§60.757(a)(3)**
Annual OR Five-Year[a] NMOC Emission Rate Report (Tier 1)	**Submit initial report no later than:** **(1) June 10, 1996 for landfills that commenced construction, modification, or reconstruction on or after May 30, 1991 but before March 12, 1996, or** **(2) 90 days after the date the landfill commenced construction, modification, or reconstruction on or after March 12, 1996.** **May submit with Initial Design Capacity Report.** **Repeat either once a year OR once every 5 years.**	**§60.757(b)**
Revised NMOC Emission Rate Report (Tier 2)	**If Tier 1 analysis results in NMOC emissions ≥50 Mg/yr, a revised NMOC emission rate report using data gathered from Tier 2 analysis can be submitted within 180 days of the initial calculated exceedance.**	**§60.757(c)(1)**
Revised NMOC Emission Rate Report (Tier 3)	**If Tier 2 analysis results in NMOC emissions □50 Mg/yr, a revised NMOC Emission Rate Report using data gathered from Tier 3 analysis can be submitted within 1 year of the initial calculated exceedance.**	**§60.757(c)(2)**
Collection and Control System Design Plan	**Within 1 year after submitting NMOC Emission Report with a value ≥ 50 Mg/yr. Plans must gain Agency approval prior to installation.**	**§60.757(c)**
Emission Control System Start-up	**Control system based on approved design will startup within 30 months after submitting NMOC Emission Rate Report with a value ≥50 Mg/yr.**	**§60.752(b)(2)(ii)**
Initial Control System Performance Test Report	**Submit report within 180 days of emission collection and control system start-up per §60.8. Results can be included in the initial Annual Report.**	**§60.757(g)**
Annual Compliance Report	Submit initial report within 180 days of emission collection and control system start-up. Report once every 6 months. [Required semi-annually by 40 CFR 63 Subpart AAAA.]	§60.757(f) §63.1980(a)
Landfill Closure Report	When landfill is no longer accepting refuse and the landfill is considered closed. Submit report within 30 days of refuse acceptance cessation.	§60.757(d)
Control Equipment Removal Report	Submit report within 30 days prior to removal or cessation of control system operations. Controls can be removed after meeting all of these criteria: (1) Landfill Closure Report has been submitted, (2) Control system was operated for at least 15 years, and (3) Three consecutive NMOC Emission Rate Reports with values <50 Mg/yr achieved.	§60.757(e)
Startup, Shutdown, and Malfunction Plan	Plan shall be developed by the owner or operator and submitted by January 16, 2004.	§63.6(e)(3)
	General Report Requirements	§63.10(d)(5)(i) & (ii)
Bioreactors	General report Requirements	§63.1980(b)-(f)

STATEMENT OF BASIS

Seminole County Board of County Commissioners
Osceola Road Solid Waste Management Facility
Facility ID No.: **1170084**
Seminole County

Title V Air Operation Permit Renewal
DRAFT Permit Project No.: **1170084-006-AV**
Renewal of Title V Air Operation Permit No.: 1170084-004-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 the renewal of Title V Air Operation Permit No. 1170084-004-AV for the purpose of operating the Osceola Road Solid Waste Management Facility. Facility-wide individual and combined hazardous air pollutant (HAP) emissions are limited to establish the facility as a synthetic minor for HAPs. This facility is located at 1930 East Osceola Road; UTM Coordinates: Zone 17, 492.00 km East and 3184.50 km North; and, Latitude: 28° 47' 30" North and Longitude: 81° 04' 42" West.

Seminole County operates the Osceola Road Solid Waste Management Facility (landfill) identified as emissions unit 001 (EU –001). This is an active, Class I landfill that began receiving waste in 1970. It has a design capacity of 45,000,000 cubic yards. It is also an active asbestos waste disposal site. There is no bioreactor at the landfill. Non-methane organic compound (NMOC) emissions are calculated to be equal to or greater than 50 megagrams per year. Landfill gas emissions have been collected and controlled since 1999. The landfill currently has two candlestick flares. The flares shall be operated with the flame present at all times as determined by a thermocouple, but are not subject to compliance assurance monitoring (CAM) under 40 CFR Part 64.

Based on the Title V Air Operation Permit Revision application received July 22, 2003, the landfill is not a major source of HAPs, but is a major source of non-HAP pollutants.

E.U. 001 The facility is subject to: 40 CFR Part 60, Subparts A (General Provisions) and WWW (Standards of Performance for Municipal Solid Waste Landfills); 40 CFR Part 63, Subparts A (General Provisions) and AAAA (National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills); with the exception of the candlestick flare control system, which shall have no visible emissions per 40 CFR Part 60.18(c)(1), the facility is subject to the General Visible Emissions (VE) limit of less than 20 percent per Rule 62-296.320(4)(b)1., F.A.C., VE testing of the candlestick flare is required annually; the General Volatile Organic Compound (VOC) standard per Rule 62-296.320(1)(a), F.A.C.; and the Objectionable Odor Rule per Rule 62-296.320(2), F.A.C.

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