



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

Writer's Direct Dial Number: _____

John E. Manning
District One July 13, 2000

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

Mr. Scott M. Sheplak, P.E.
Administrator
Title V Section
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399

SUBJ: Insignificant Emissions Source
Title V Permit No. 0710119-001-AV
Lee County Resource Recovery Facility

Dear Mr. Sheplak:

Lee County (County) has prepared this letter to address an ancillary equipment item that was inadvertently omitted from the "Listing of Insignificant Activities" in the original Title V application for the Lee County Resource Recovery Facility (Facility). This equipment item is a hydrated lime silo that is utilized in conjunction with the on-site water treatment plant that provides treated water to the Facility. The silo is equipped with a baghouse for control of particulate emissions and has a storage capacity of 30 tons. The usage of lime at the water treatment plant requires filling the silo only 6 to 10 times per year.

This unit qualifies as an insignificant activity (as per 62-213.430(6)(b)) based on its annual uncontrolled emission rate. Annual uncontrolled emissions of particulate matter from the filling of this unit are estimated to be less than one ton per year using an AP-42 emission factor of 2.2 pounds of particulate emissions per ton of lime transferred (Table 11.17-4, 02/98).

The County requests that the original Title V application and the Title V permit for the Facility be amended to include the hydrated lime silo baghouse on the Facility's listing of insignificant activities.

RECEIVED

JUL 13 2000

BUREAU OF AIR REGULATION

Attached to this letter is the 'Owner/Authorized Representative or Responsible Official Statement' and the 'Professional Engineer Certification' that relate to the request contained herein.

The County appreciates your assistance in this matter. If you have any further questions, please contact me at (941) 479-8181.

Sincerely,



Lindsey Sampson, P.E., Director
Solid Waste Division

W/ Attachments

Cc: T. Eriksen, OMSL
T. Tyrrell, MPI
B. Bigarri, OMSL
D. Dee, L&P
II E 105

6/20/00 cc: Scott Shepley

OWNER/AUTHORIZED REPRESENTATIVE OR RESPONSIBLE OFFICIAL

1. Name and Title of Owner/Authorized Representative or Responsible Official:

Name: Lindsey J. Sampson, P.E.
Title: Director

2. Owner/Authorized Representative or Responsible Official Mailing Address:

Organization/Firm: Lee County Department of Solid Waste
Street Address: 1500 Monroe Street, 3rd Floor
City: Fort Myers
State: Florida
Zip Code: 33902

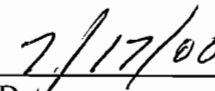
3. Owner/Authorized Representative or Responsible Official Telephone Numbers:

Phone Number: (941) 479-8583
Fax Number: (941) 479-8119

4. Owner/Authorized Representative or Responsible Official Statement:

I, the undersigned, am the owner or authorized representative of the facility (non-Title V source) addressed in this Application for Air Permit or the responsible official, as defined in Chapter 62-213, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. If the purpose of this application is to obtain an air operation permit or operation permit revision for one or more emissions units which have undergone construction or modification, I certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*


Signature


Date

* Attach any exception to certification statement.

PROFESSIONAL ENGINEER CERTIFICATION

1. **Professional Engineer Name: Robert French**
Registration Number: 22054

2. **Professional Engineer Mailing Address:**
Organization/Firm: Malcolm Pirnie, Inc.
Street Address: 1533 Hendry Street
City: Ft. Myers
State: Florida
Zip Code: 33901

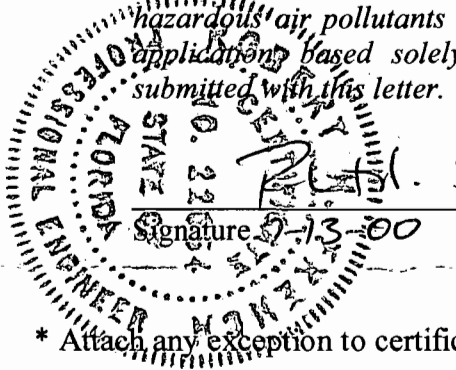
3. **Professional Engineer Telephone Number:** (941) 332-1300
Professional Engineer Fax Number: (941) 332-1789

4. **Professional Engineer Statement:**

I, the undersigned, hereby certified, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance (a) that the air pollutant emissions unit(s) and the air pollutant control equipment described in this attached letter, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions in the Florida Statutes and rules of the Department of Environmental Protection.

(2) To the best of my knowledge, any emission estimates reported or relied on in this letter are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this letter.



Signature: Robert French

Date: 7-13-00

* Attach any exception to certification statement.



LEE COUNTY
SOUTHWEST FLORIDA

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Diana M. Parker
County Hearing Examiner

January 7, 1999

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399

VIA FEDERAL EXPRESS

RECEIVED

JAN 11 2000

BUREAU OF AIR REGULATION

**SUBJECT: DRAFT TITLE V PERMIT NO. 0710119-001-AV
LEE COUNTY RESOURCE RECOVERY FACILITY**

Dear Mr. Sheplak:

The following items represent Lee County's request for changes and clarifications to the subject draft permit. The County may have additional comments that will be submitted prior to January 16, 2000.

General Comments:

I. The County requests the DEP to follow the guidelines of the EPA's March 5, 1996 "White Paper #2 for Improved Implementation of the Part 70 Operating Permit Program" wherein '...every State-Only enforceable permit condition needs to be identified through out the document.' EPA's "White Paper for Streamlining Permits" also encourages the elimination or replacement of potentially obsolete or dated PSD/NSR permit language.

II. The Title V permit should contain language within facility-wide standards and each emission unit description that states, in part, that "compliance with certain requirements of Subpart Cb are detailed in Subpart Eb. Any regulatory citation or reference to Subpart Eb, herein, does not intend or imply that the facility or emission units are subject to Subpart Eb requirements".

III. Lee County's PSD permit. Lee County has submitted an application for certain modifications Lee County's Title V permit should contain the same conditions as the of the PSD permit, and the County expects those modifications to become final in the near future.

Mr. Scott M. Sheplack, P.E.
January 7, 2000
Page 2 of 6

Please coordinate with Mr. Joseph Kahn at DEP to ensure that the final Title V permit for the County's facility is consistent with the conditions in the County's PSD permit.

Specific Comments:

A. The address on page 1 of 5 of the "Intent to Issue" notice should be changed to:

Lee County Solid Waste Division
1500 Monroe Street
Fort Myers, FL 33901.

The following items are in reference to the "Statement of Basis" and are intended to more correctly describe the Facility.

- B. Paragraph two, line four; insert "based on solid waste fuel with a nominal HHV of 5000 Btu/lb" After "660 tons per day".
- C. Paragraph two, line four; insert "baghouse, SNCR" after the word "scrubbers".
- D. Paragraph two, line five; replace "a lime silo" with "two lime silos".
- E. Paragraph two, line six; insert "and hydrated line" after "pebble lime".
- F. Paragraph two, line nine; insert "and non-ferrous" after "ferrous".
- G. Paragraph two, line eleven; insert "These capacities are not limited by this permit. These capacities are determined by a rolling 12 month average." After "MSW".
- H. Paragraph two, line 13; replace "Florida Power and Light Company" to "an electric utility market".
- I. Paragraph three, lines four and five; delete "Rule 62-212.500 FAC, Preconstruction Review for Nonattainment Areas". (Lee County is not in a nonattainment area.)
- J. Paragraph three, lines six and seven; delete "and NESHAP – 40 CFR 61, Subpart C, NESHAP for Beryllium, adopted and incorporated by reference in Rule 62-204.800(7), F.A.C.". This facility does not receive Be from the types of facilities regulated under Subpart C.
- K. Paragraph four, line one; Delete the first sentence entirely or replace "flyash handling building" with "the combustion units' ash dischargers".
- L. Paragraph four, line three; replace "A baghouse is located" with "Two baghouses are located".

The following comments are in reference to the Draft Title V Permit.

- 1. Page 2, subsection A, line one; delete the word "commercial" (or change the date to December, 1994).

2. Page 2, subsection A, line two; insert "fuel based on a higher heating value of 5000 Btu/lb (nominal)" after "solid waste".
3. Page 2, subsection A, line six; replace "Florida Power and Light Company" with "an electric utility market". Lee County will sell electricity to companies other than FPL.
4. Page 3, paragraph 4.b, line three; insert "reportable" before "accidental".
5. Page 6, subsection A, paragraph one, line two; replace "20 MW" with "275 MM BTU/HR". The combustion units' nameplate rating is based on heat, not power.
6. Page 7, paragraph A.4; insert "block" before "average".
7. Page 7, paragraph A.6; subparagraph (b) should be deleted. The procedure described is for the purpose of determining whether the combustion units permitted should be regulated as a large or small municipal waste combustor. Also, subparagraph (b)(2) applies to batch feed units, not continuous feed units.
8. Page 8, paragraph A.10.1.1; replace the entire sentence beginning "Lee County shall minimize ..." with the sentence contained in paragraph A.10.1.0 beginning with "The County shall establish a household battery collection ...". The sentence in A.10.1.0 applies to Lee County's mercury emissions reduction program, while the sentence in A.10.1.1 does not apply to a mass burn facility.
9. Page 8, paragraph A.10.1.1; delete the entire sentence beginning, "Chromium compounds shall not ...". This item does not apply to the Title V air permit.
10. Page 10, paragraph one at the top of page; replace "3%" with "5%" and replace "rolling 30 day average" with "calendar month average". Use of a "calendar month average" provides a more reasonable method for calculating and reporting percentages without errors and is consistent with other reporting requirements.
11. Page 10, paragraph two; replace "rolling 30 day average" with "calendar month average".
12. Page 10, subparagraph (h); add the following parenthetical phrase after the words "agricultural activities", "(excluding the materials described in a through g above)". This provides distinction between the referenced groups of materials.
13. Page 10, paragraphs five and six; delete the last two paragraphs of this page (refer to items 10 and 11 above). Use of a calendar month averaging procedure is simpler, provides the same level of assurance and is consistent with other Facility reporting requirements.
14. Page 11, paragraph A.10.3.0; delete both paragraphs entirely and replace with the following:

- “A.10.3.0. Start-up and Shut-down Procedures. During start-up and shut-down, the auxiliary burners shall be fired as needed to ensure proper combustion of wastes consistent with good operating practices as defined in 40 CFR 60.53.b”. Consistent with draft PSD permit FL-151-B, specific condition 4.a.
15. Page 11, paragraph A.10.3.1; delete this paragraph entirely. The rules referenced apply to medical waste incinerators and the paragraph is not consistent with PSD FL-151 or FL-151-B.
 16. Page 14, section A.15.0; delete this paragraph and refer to comment number 17 below.
 17. Page 14, section A.15.1; change “2 hrs” to “3 hrs”, delete the “24 hr period”; insert “unless authorized by the Department for a longer duration.” at the end of the first sentence. This provides consistency with section A.42, 62-210.700 FAC, and PSD-151-B.
 18. Page 15, section A.16, paragraph (c); replace the words “is scheduled” to “has applied” to the two sentences in this paragraph. The County has no control on when the certification exams are scheduled. The County’s facility operator makes application for the exams but the scheduling is not always consistent.
 19. Page 15, paragraph A.16.C.2; delete “during their operating shift.” Add “temporarily, for a period not to exceed 14 days.” at the end of this sentence.
 20. Page 15, section A.16, paragraph (g)(3); insert “formal” after the word “planned”.
 21. Page 18, section A.33; replace “0.150 lb/MM BTU” with “0.290 lb/MM BTU”. Consistent with PSD permit.
 22. Page 18, section A.34; replace “24-hour” with “4-hour”. Consistent with PSD.
 23. Page 20, section A.42; change “two hours” to “three hours.” Delete “in any 24 hour period”. Consistent with PSD-FL-151-B.
 24. Page 25 and 26, section A.51, subparagraph (5)(iii); replace “7 nanograms” with “15 nanograms” in the three places this figure occurs. This is consistent with subpart Cb (and 50% of the value shown on page 18, section A.32).
 25. Page 27, sections A.54 and A.55; change “Method 104” to “Method 29” and change “Method 25” to “Method 25A”, respectively. Consistent with previous changes in PSD 151.
 26. Page 28, section A.56; add “, 10a, or 10b” after “Method 10”. Consistent with the rules and previous changes to PSD FL-151.
 27. Page 28, section A.58; change “Method 108” to “Method 29”. Consistent with the

rules and previous changes to PSD FL-151.

28. Page 28, section A.60; change “a series of three one hour tests” to “one 30 minute test”. Consistent with PSD FL-151.
29. Page 31, section A.66.2; delete “and visible emissions”. Consistent with PSD FL-151-B and section A.64(a)2.
30. Page 32, section A.70; Add “and Ash house dust collector” after “lime silo dust collector”. The baghouse for the Ash house serves as a precautionary device for fugitive emissions and does not require pressure drop monitoring equipment. The ash in the Ash house is moist or damp and does not generate fugitive emissions.
31. Page 33, section A.77; Delete this section entirely. It is not applicable to the listed emission units.
32. Page 34, section A.79; Add “During Stack Testing” to the heading.
33. Page 36, section A.86; Replace “5 (five) years” with “two (2) years”. 40CFR 60.7 (f) requires records to be kept 2 years, not 5 years.
34. Page 40, section A.92; Replace “40 CFR 60.59(a), (b), (c), (f), (g), (h), and (i)” with “40 CFR 60.59(b) excluding (b)(5), (f), (g), (h), and (i)”. The other citations are not applicable to 40 CFR 60, Subpart Cb requirements.
35. Page 41, A.97(b); Replace “45 days” with “60 days”. The analytical tests for all parameters (particularly dioxins and furans) require significant lab time to complete.
36. Page 42, section A.99; Delete this section entirely. It no longer applies to the emission units.
37. Page 43, section A.105; Delete this section entirely. It is not consistent with section A.10.2.0.
38. Page 44, subsection B, paragraph one; Delete the sentence that begins “Normal operation requires that 9.24 tons ...”, and delete the sentence that begins “Maximum design operation requires 84 tons ...”. Add a final sentence; “The lime silo baghouse is operational only during silo filling operations.
(Note: The consumption of lime varies based on combustion unit load and component variables in the solid waste materials. The establishment of fixed parameters is not consistent with good operating practices. Normal and maximum design loads influence the amount of lime used but may not control the volume. Solid waste composition also influences the amount of lime consumed.)
39. Page 44, section B.4; Replace “(from start to finish)” with “(for 30 minutes)”. Consistent with PSD FL-151-B.
40. Page 45 sections B.5, B.6, and B.7; Delete these sections entirely. These sections do

Mr. Scott M. Sheplack, P.E.
January 7, 2000
Page 6 of 6

- not apply to the demonstration of visible emission standards using EPA Method 9.
41. Page 49, subsection C, paragraph one; insert "and nonferrous" after "ferrous". Change "15 tons" to "20 tons".
 42. Page 52 Section C.13. (c)(7); Replace "8" with "2" and replace "2" with "0.5". Consistent with EPA Method 1 requirements.
 43. Page 53, section C.14; insert "the Ash house dust collector" after "the lime silo dust collector". (Refer to item 28 above.)
 44. Page 55, Appendix I-1; insert the following item to the table, "Item 10 – Hydrated Lime Silo".

If you have any questions concerning these items and/or requests, please contact me. Thank you for your time and assistance.

Sincerely,

ENVIRONMENTAL SERVICES DEPARTMENT



Lindsey J. Sampson, P.E., Director
Solid Waste Division

LJS:dht

cc: L. Johnson
D. Owen
T. Eriksen
B. Bigari
D. Dee
T. Tyrell
C. Fancy
P. Barbacia
II E 105

1/12/00

cc: *Ross Pollock*
Scott Sheplack



Jeb Bush
Governor

Department of Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

December 17, 1999

Mr. Lindsey Sampson, P.E.
Deputy Director
Lee County Solid Waste Division
P.O. Box 398
Fort Myers, Florida 33902-0398

Re: DRAFT Title V Permit No.: 0710119-001-AV
Lee County Resource Recovery Facility

Dear Mr. Sampson:

On December 15, 1999, the department received your request for an extension of time to file comments on the subject permit.

The public notice was published on November 16, 1999. The public comment period ended December 16. The department has reviewed the request and hereby extends the public comment period an additional 30 days to **January 15, 2000.**

If you should have any further questions, please contact me at 850/921-9532.

Sincerely,

Scott M. Sheplak, P.E.
Administrator
Title V Section

SMS/sk

cc: Steven Ramsey, P.E., Malcolm Pirnie, Inc.
Phil Barbaccia, FDEP South District



LEE COUNTY

SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

BEST AVAILABLE COPY

(941) 479-8181

Writer's Direct Dial Number. _____

John E. Manning
District One

December 15, 1999

Douglas R. St. Cerny
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Examiner

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399

**SUBJECT: DRAFT TITLE V PERMIT NO. 0710119-001-AV
LEE COUNTY RESOURCE RECOVERY FACILITY**

Dear Mr. Sheplak:

Lee County, hereby, requests an additional thirty (30) days to provide comments and requested changes to the subject draft permit. It is our understanding, that if this request is approved by the Department, the County (and others) will have until January 15, 2000 to provide comments to your office.

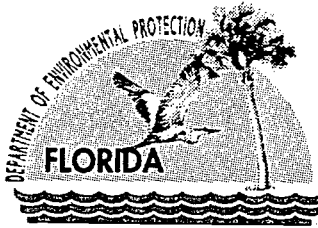
We appreciate your consideration of this request. You can contact me at the above number if you have any questions.

Sincerely,

Lindsey J. Sampson, Director
Lee County Solid Waste Division

cc: D. Owen
T. Eriksen
B. Bigari
T. Tyrrell
D. Dec

Barbara / File



Department of Environmental Protection

Jeb Bush
Governor

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

December 17, 1999

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Lee County Solid Waste Division
P.O. Box 398
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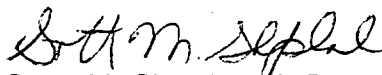
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Sincerely,


Scott M. Sheplak, P.E.
Administrator
Title V Section

SMS/sk

cc: Steven Ramsey, P.E., Malcolm Pirnie, Inc.
Phil Barbaccia, FDEP South District



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

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Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399

**SUBJECT: DRAFT TITLE V PERMIT NO. 0710119-001-AV
LEE COUNTY RESOURCE RECOVERY FACILITY**

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We appreciate your consideration of this request. You can contact me at the above number if you have any questions.

Sincerely,

Lindsey J. Sampson, Director
Lee County Solid Waste Division

- cc: D. Owen
- T. Eriksen
- B. Bigari
- T. Tyrrell
- D. Dee

12/21/99 cc = Scott Sheplak
Ross Pollock

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BUREAU OF AIR REGULATION



LEE COUNTY
SOUTHWEST FLORIDA

BOARD OF COUNTY COMMISSIONERS

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County Attorney

Diana M. Parker
County Hearing
Examiner

Mr. C. H. Fancy, Chief
Bureau of Air Regulations
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399

**SUBJECT: TITLE V PERMIT
LEE COUNTY RESOURCE RECOVERY FACILITY**

Dear Mr. Fancy:

Attached please find a copy of the Affidavit of Publication for the public notice announcing the Department's intent to issue a Title V Permit.

If you have any questions, please call me at the above number.

Sincerely,

ENVIRONMENTAL SERVICES DEPARTMENT

Lindsey J. Sampson, P.E.,
Director
Solid Waste Division

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NOV 19 1999
BUREAU OF AIR REGULATION

LJS:lsw

Attachments

cc: D. Owen
T. Eriksen, OMSL
D. Dee, Landers & Parsons
R. Shauer, MPI
IIE105

12/8/99 cc: Ross Pollock

\\LCFNW04\DATA\SHARED\ENVS\R\SW\LINDSEY\LETTERS\BUREAU AIR REG.PSD-FL-151 B.DOC

NEWS-PRESS
 Published every morning — Daily and Sunday
 Fort Myers, Florida

Affidavit of Publication

STATE OF FLORIDA
 COUNTY OF LEE

Before the undersigned authority, personally appeared _____

Suzanne Crawford

who on oath says that he/she is the Assistant Legal

Coordinator

of the News-Press, a

daily newspaper, published at Fort Myers, in Lee County, Florida; that the

attached copy of advertisement, being a _____

Intent To Issue Title V Air Operation P

in the matter of _____

DEP Air Permit yo Lee Co. Solid Waste

in the _____ Court

was published in said newspaper in the issues of _____

November 16, 1999

Affiant further says that the said News-Press is a paper of general circulation daily in Lee, Charlotte, Collier, Glades and Hendry Counties and published at Fort Myers, in said Lee County, Florida and that said newspaper has heretofore been continuously published in said Lee County, Florida, each day, and has been entered as a second class mail matter at the post office in Fort Myers in said Lee County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Suzanne Crawford

Sworn to and subscribed before me this

16th day of _____

November, 19 99 by _____

Suzanne Crawford

who is personally known to me or who has produced

as identification, and who did or did not take an oath.

Notary Public _____

Print Name _____

My Commission Expires: _____

CLASS-16



Brenda Leighton
 MY COMMISSION # CC808905 EXPIRES
 February 14, 2003
 BONDED THRU TROY FAIN INSURANCE, INC.

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

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

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

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

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

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

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

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

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

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

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

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V DRAFT Permit No. 0710119-001-AV Lee County Resource Recovery Facility Lee County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Lee County Department of Solid Waste Management for the Lee County Resource Recovery Facility located at 10500 Buckingham Road, Fort Myers, Lee County. The applicant's name and address are: Lee County Department of Solid Waste Management, 2013 Altamont Avenue, Fort Myers, Florida 33902.

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 Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mall Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 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 of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mall Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938).

Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address

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 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: Department of Environmental Protection, Bureau of Air Regulation, 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301 Telephone: 850/488-0114 Fax: 850/922-6979

Affected District/Local Program: Department of Environmental Protection, South District Office, 2295 Victoria Avenue, Suite 364, Fort Myers, Florida 33901 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 Scott M. Sheplak, P.E., at the above address, or call 850/921-9532, for additional information.

Nov 16 No. 38883



Covanta Lee, Inc.
A Covanta Energy Company
10500 Buckingham Road
Fort Myers, FL 33905
Tel 941 337 2200
Fax 941 337 2510

RECEIVED

OCT 15 2002

October 9, 2002

BUREAU OF AIR REGULATION

Mr. Scott Sheplak, P.E.
Title V Program Administrator
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Additional Title V Responsible Officials
Title V Operating Permit No. 0710119-001-AV

Dear Mr. Sheplak:

Enclosed, please find completed Form No. 62-213.900(8), entitled "Responsible Official Notification Form". This form designates me as an additional responsible official for the Lee County Resource Recovery Facility.

If you have any questions regarding this matter, please do not hesitate to contact me. I can be reached during the day at (239) 337-2200.

Sincerely,

Thomas C. Eriksen
General Manager

cc: Lindsey Sampson, Lee County (w/ enc)
Becky Macionski, Covanta Hillsborough (w/ enc)
File

xc: For Blightum, SD





Department of Environmental Protection

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OCT 15 2002

Division of Air Resource Management

BUREAU OF AIR REGULATION

RESPONSIBLE OFFICIAL NOTIFICATION FORM

Note: A responsible official is not necessarily a designated representative under the Acid Rain Program. To become a designated representative, submit a certificate of representation to the U.S. Environmental Protection Agency (EPA) in accordance with 40 CFR Part 72.24.

Identification of Facility

| | |
|--|-----------------------|
| 1. Facility Owner/Company Name: Lee County Solid Waste Division | |
| 2. Site Name: Lee County Resource Recovery Facility | 3. County: Lee County |
| 4. Title V Air Operation Permit/Project No. <i>(leave blank for initial Title V applications)</i> : Permit Number: 0710119-001-AV | |

Notification Type *(Check one or more)*

| | |
|---|--|
| <input type="checkbox"/> INITIAL: | Notification of responsible officials for an initial Title V application. |
| <input type="checkbox"/> RENEWAL: | Notification of responsible officials for a renewal Title V application. |
| <input checked="" type="checkbox"/> XCHANGE: | Notification of change in responsible official(s). Effective date of change in responsible official(s) <u>September 9, 2002</u> |

Primary Responsible Official

| |
|--|
| 1. Name and Position Title of Responsible Official Mr. Lindsey J. Sampson, P.E. Deputy Director |
| 2. Responsible Official Mailing Address: Organization/Firm: Lee County Solid Waste Division Street Address: 10500 Buckingham Road, Suite 200 City: Fort Myers State: FL Zip Code: 33905 |
| 3. Responsible Official Telephone Numbers: Telephone: (239) 338-3302 Fax: (239) 461-5871 |
| 4. Responsible Official Qualification <i>(Check one or more of the following options, as applicable)</i> : <input type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input checked="" type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source. |

5. Responsible Official Statement:

I, the undersigned, am a responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I certify that I have authority over the decisions of all other responsible officials, if any, for purposes of Title V permitting.

Lindsay J. Sampson

Signature

9/26/02

Date

Additional Responsible Official

| |
|--|
| 1. Name and Position Title of Responsible Official: Thomas C. Eriksen, General Manager |
| 2. Responsible Official Mailing Address: Organization/Firm: Covanta Lee, Inc. Street Address: 10500 Buckingham Road, Suite 400 City: Fort Myers State: FL Zip Code: 33905 |
| 3. Responsible Official Telephone Numbers: Telephone: (239) 337-2200 Fax: (239) 331-2510 |
| 4. Responsible Official Qualification <i>(Check one or more of the following options, as applicable)</i> : <input checked="" type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source. |

Additional Responsible Official

| |
|---|
| 1. Name and Position Title of Responsible Official: |
| 2. Responsible Official Mailing Address: Organization/Firm: Street Address: City: State: Zip Code: |
| 3. Responsible Official Telephone Numbers: Telephone: () - Fax: () - |
| 4. Responsible Official Qualification <i>(Check one or more of the following options, as applicable)</i> : <input type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source. |

-file-



LEE COUNTY
SOUTHWEST FLORIDA

(941) 479-8181

BOARD OF COUNTY COMMISSIONERS

Writer's Direct Dial Number: _____

VIA FEDERAL EXPRESS

John E. Manning
District One

Douglas R. St. Cerny
District Two

Ray Judah
District Three

Andrew W. Coy
District Four

John E. Albion
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing
Examiner

August 21, 2000

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AUG 22 2000

BUREAU OF AIR REGULATION

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399

**SUBJECT: Lee County Resource Recovery Facility
DRAFT Initial Title V Air Operation Permit No. 0710119-001-AV
Written Comments on Revised DRAFT Permit**

Dear Mr. Sheplak:

The following represents Lee County's request for changes and clarification to the Revised DRAFT Initial Title V Air Operation Permit for the Lee County Solid Waste Resource Recovery Facility (Permit No. 0710119-001-AV) as received in the County's office July 26, 2000. Our comments are listed by page number of the DRAFT permit.

1. **Statement of Basis:** Paragraph two should include a reference to PSD-FL-151 B as issued by DEP on 3/21/00.
2. **Intent to Issue:** Permittee's address should be changed to 1500 Monroe Street, Fort Myers, Florida 33901.
3. **Public Notice of Intent to Issue:** Permittee's address should be changed to 1500 Monroe Street, Fort Myers, Florida 33901.
4. **Revised Draft Permit No. 0710119-001-AV:** Permittee's address should be changed to 1500 Monroe Street, Fort Myers, Florida 33901.
5. **Page 8, Specific Condition A.10.1.:** Two new categories have been added to the list of materials that are prohibited. We believe that category (l), "untreated biomedical waste", could very likely result in unnecessary confusion when assessing compliance. Rule 62-210.200(45), F.A.C. defines "biomedical waste" as follows:

"Biomedical Waste" - Any solid or liquid waste which may present a threat of infection to humans, including nonliquid tissue, body parts, blood, blood products, and body fluids from humans and other primates; laboratory and veterinary wastes which contain human disease-causing agents; and discarded sharps. The following are also included:

(a) Used absorbent materials saturated with blood, blood products, body fluids, or excretions or secretions contaminated with visible blood; and absorbent materials saturated with blood or blood products that have dried.

(b) Non-absorbent, disposable devices that have been contaminated with blood, body fluids, or secretions or excretions visibly contaminated with blood, but have not been treated by a method listed in Section 381.0098, F.S., or a method approved pursuant to Rule 64E-16, F.A.C

Lee County has never accepted segregated loads of the materials described above. However, many materials received in normal municipal solid waste could reasonably fall within the above definition, creating a potential non-compliant situation. As an alternative, we request that the condition reads as follows:

(j) untreated biomedical waste from "biomedical waste generators" regulated pursuant to Chapter 64E-16 of the Florida Administrative Code.

6. **Page 10, Specific Condition A.10.1:** Lee County's previous request to add the following sentence: "Waste materials specifically authorized above do not require Department approval" was not incorporated. Our concern is that materials described in (a) through (g) could also fall within the category labeled (h), thus creating confusion, particularly to third parties, as to whether or not prior Department approval was required. We understand that this language has been incorporated into other WTE Title V permits.
7. **Page 19, Specific Condition A.42:** Lee County requests that A.42 be stricken from the Title V permit, since the facility has been specifically authorized by the Department to exceed the 2 hour duration of excess emissions specifically in condition A.15. The permitting note directly after condition A.42 does not clearly indicate that the 2-hour limitation does not apply, and the 3-hour limitation has already been approved as an industry specific allowance for large MWC. For further details please refer to the facility's permitting action, PSD-FL-151(B), that was signed by the Department on 3/21/00.
8. **Page 39, Specific Conditions A.21 through A.36:** The inclusion of "equivalent" lb/MMBtu and lb/hr statements is problematic. The Department has indicated that the underlying compliance limit is the actual limitation and the "equivalent" in various units are placed in the permit for informational purposes. It is requested that clarifying language be added to the permit to emphasize that "equivalents" are not limitations. A permitting note will prevent misunderstandings, and potential compliance questions for

Mr. Scott M. Sheplak
August 21, 2000
Page 3

Lee County. We request that the following permitting note be added to each condition, as was done in PSD-FL-121(C):

Permitting Note: These equivalent emissions (lb/hr and lb/MMBtu) are listed for the purposes of providing information, to indicate the potential to emit (TPY) and are not emission compliance standards.

9. **Page 41, A.98:** The requirement for tracking used tires in the waste stream on a weekly basis was replaced with the record keeping requirements outlined in Condition A.10.1 of the Title V permit. Please refer to the permit action described in PSD-FL-151(B) signed on 3/21/00 for further detail. Please strike this weekly record keeping requirement from the Title V permit, since it is not consistent with the underlying facility's PSD permit.
10. **Page 27, A.59:** The Condition indicates that Method 27 (which is inappropriate), shall be used for compliance. The underlying PSD permit does not indicate a specific EPA approved Test Method for Ammonia. Lee County typically uses a modified EPA Method 26 train for Ammonia. It is requested that a specific test method for Ammonia not be listed since EPA Method 27 is not an appropriate test method for Ammonia.
11. **Page 43, Emission Unit Description:** Lee County previously requested to amend the permitting note describing normal operations of the lime silo. Consumption of lime on a real time or daily basis is determined by the inlet concentration of sulfur dioxides measured by the facility's continuous emission monitoring system. The "normal" operation does not require 9.24 tons of lime per day be consumed in order to maintain air pollution control operation. The current language does not correctly describe the existing Facility configuration, and we respectfully request that it be changed accordingly.
12. **Page 48, Brief Description:** The description states the ash handling can handle 15 tons at any one time. We do not understand this statement. The ash handling building storage capacity is based on volume of ash and is not weight dependant.
13. **Page 55, Appendix H-1,** The permit history does not include the recent amendment to PSD-FL-151, namely PSD-FL-151(B), which was issued on March 21, 2000. This permit amendment effected the permit history for the following emission units: MSW Incinerator #1, MSW Incinerator #2, Lime Storage Silo, and Ash Building & Handling System.

Mr. Scott M. Sheplak
August 21, 2000
Page 4

14. **Page 1 of 3, Table 2-1 Summary of Compliance Requirements:** Sulfur Dioxide Method should allow Method 6, 6A, or 6C in order to be consistent with condition A.49. As stated in Comment 5 above, EPA Method 27 is inappropriate as a test method for Ammonia.
15. **Page 2 of 3, Table 2-1 Summary of Compliance Requirements:** The minimum compliance test duration for EPA Method 9 on the lime silo is incorrectly listed as 60 minutes. The correct minimum duration is 12 minutes.
16. **Page 3 of 3, Table 2-1 Summary of Compliance Requirements:** The testing frequency for Particulate Matter should clearly indicate that the Department has approved a waiver that accepts annually, EPA Method 9 instead of EPA Method 5. The minimum compliance test duration for EPA Method 9 for the ash handling building indicates 60 minutes whereas it should list a 30-minute test run.

We appreciate your favorable consideration of these requests and comments on the Revised DRAFT Initial Title V Air Operation Permit for the Lee County Solid Waste Energy Recovery Facility. Please call me at (941) 851-5696 if you need any clarification, or would like to arrange a meeting or teleconference to discuss these requests/comments.

Very truly yours,

ENVIRONMENTAL SERVICES DEPARTMENT



Lindsey Sampson, P.E.
Director
Solid Waste Division

cc: J. Lavender, Lee County
D. Owen, Lee County
T. Eriksen, Ogden Martin
T. Tyrell, Malcolm Pirnie
D. Dee, Landers and Parsons
B. Bigari, Ogden Martin
II E 105