

Morris, John R.

188444

UPDATED COMET 1/22/04

JRM

From: Don Shaulis [DSHAULIS@scgov.net]
Sent: Wednesday, January 21, 2004 1:46 PM
To: Morris, John R.
Subject: 4th qtr reports

(GW
LOCATE)

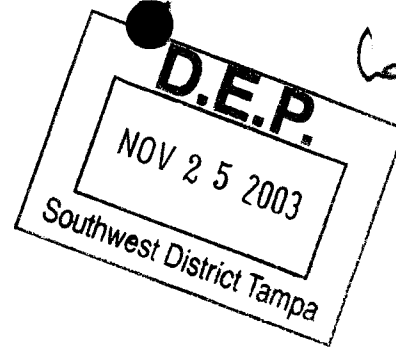
John: As our conversation on 1-14-04 we will consider Feb 15 as the deadline for the quarterly reports for Bee Ridge, Central County and the Venice landfills.

Also we have finally received the rest of the equipment we had to order and will finish the ground water sampling at Bee Ridge in the last week in January I will put a rush on the data so we can get this info to you as soon as possible and thank you again for the extension.



SARASOTA COUNTY

"Dedicated to Quality Service"



November 25, 2003

Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: CCSWDC Materials Recovery Facility
Permit Number 134912-001-SO
Quarterly Waste Quantity Report
July through September 2003

Dear Mr. Ford:

Enclosed is the Third Quarter Waste Quantity Report submitted in accordance with Specific Condition Number 11. The estimated tons stored are a visual estimate taken on the last day of the quarter. It is important to note that the mixed loads that come in are dry and they are wet from either water for dust control or rain when they are removed. The class 1 waste is stored in containers within the leachate collection system and are emptied at least every third day. The class 1 waste consists of 90% carpet and 10% of other materials.

If the rainfall is not as you had discussed with Paul Wingler please advise as to how you want this reported and I will make the necessary corrections.

If you have any questions please call me at (941) 861-1570.

Sincerely,

Don Shaulis
Solid Waste Operations

Attachment

C: Susan Pelz, P.E., FDEP w/o attachment

I:\projects\Central County Solid Waste Disposal Complex\Materials Recovery Facility\waste quantity reports\2003 Reports\3rd qtr 03 waste quantity report-mrf.doc

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT**

WASTE QUANTITY SUMMARY

Facility Name Reporting Period		Central County Solid Waste Disposal Complex July through September					
Material Description	Tons In	Tons Out	Rainfall In Tons	Leachate Out Gallons	Leachate Out Tons	Estimated Tons Stored	Cumulative Tons Stored
Unprocessed Material							
Mixed loads	15,940.46					170	
Previous Tons Stored 2 nd 03	512.00						
Processed Materials							
C&D Debris		6,171.52				10	
Class III Material							
Ferrous Metals		824.10				5	
Non Ferrous Metals		29.25				2	
Cardboard		70.79				10	
Clean Wood		824.10				50	
Asphalt Materials							
Concrete		2,505.09				250	
Carpet Padding							
Alternate Daily Cover		7,497.11				5	
Class 1 Wastes		5.91				20	
Special Wastes							
Residuals							
Rain 38.97"			3,115.65				
Others							
Totals	16,452.46	17,927.87	3,115.65	218,800	109.4	522	1,475.41



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

February 20, 2002

NOTICE OF PERMIT

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

Dear Mr. Bennett:

Enclosed are Modification #134912-002 to Operation Permit Number **134912-001-SO**, issued pursuant to Section(s) 403.087(1), Florida Statutes.

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

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

The agreement to mediate must include the following:

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

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Sarasota County
Mr. Gary Bennett
Permit No.: 134912-001-SO

February 20, 2002
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(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;

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

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

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

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

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

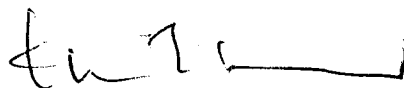
Sarasota County
Mr. Gary Bennett
Permit No.: 134912-001-SO

February 20, 2002
Page Three

When the Order (Permit or Permit Modification) is final, any party to the Department has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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

KBF/ab
Attachment

cc: Paul Wingler, P.E., Sarasota County
Robert Butera, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa (permit notebook)
Richard Tedder, P.E., FDEP Tallahassee
Douglas Beason, OGC Tallahassee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on February 20, 2002 to the listed persons.

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


Clerk

02/20/2002
Date



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

February 20, 2002

PERMITTEE:

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

Re: Modification #134912-002 to existing
Operation Permit No.: 134912-001-SO, Sarasota County
CCSWDC Materials Recovery Facilities

Dear Mr. Bennett:

Your existing operation permit No. 134912-001-SO is hereby modified as follows:

**SPECIFIC
CONDITIONS**

TYPE OF MODIFICATION

#2 (Amended)	Added reference to new supporting documents related to facility improvements and revisions to the Operation and Maintenance Manual
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This letter and its attachments constitute a complete permit and replace all previous permits and permit modifications for the above referenced facility.

Sincerely,

Deborah A. Geizoff
Director of District Management
Southwest District

DAG/kbf/ab
Attachments

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Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue: 10/12/1998
Expiration Date: 10/01/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E
Project: CCSWDC Materials
Recovery Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction and operation of:

1. materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules; except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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

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

GENERAL CONDITIONS:

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

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a materials recovery facility (MRF) for materials recovery, sorting and recycling of construction and demolition debris and some Class III waste materials, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-4 and 62-701, Florida Administrative Code.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the materials recovery facility and related systems in accordance with the reports, plans and other information as follows:

- January 1998 Permit Application received on January 16, 1998;
- October 1998 Operations and Maintenance Manual and construction drawings received on October 6, 1998;
- Revised drawing 1/3 and replacement pages for the Operation and Maintenance Manual received on December 20, 2001;

and in accordance with all applicable requirements of Department rules.

Amended 02/20/2002.

3. **Permit Modifications.** Any construction or operation not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

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

- a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer in charge of construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

SPECIFIC CONDITIONS:

- b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include, but not be limited to, details such as the as-built elevations of the floors and leachate collection piping.
 - c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.
- 7. **Facility Operation Requirements.**
 - a. The permittee shall operate this facility in accordance with F.A.C. Rules 62-701.700 and 62-701.730 (attached), and the October 1998 Operations and Maintenance Manual, and any other applicable requirements.
 - b. Unprocessed materials (except clean concrete and clean wood) shall be unloaded and stored inside the leachate containment area prior to processing.
 - c. Litter shall be collected at least once daily on operating days.
 - d. All incoming wastes and materials shall be handled on a first-in, first-out basis. In the event of equipment breakdown or scheduled maintenance, the permittee shall ensure that sufficient reserve equipment is operating at the site **within 72 hours** of the occurrence or the facility shut down.
 - e. If the facility has reached its permitted storage capacity for any area, the permittee shall not accept additional waste or materials for processing or disposal until sufficient capacity has been restored.
- 8. **Operation Plan and Operating Record.** A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.
- 9. **Operating Personnel.** A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operation plan to adequately operate the facility.
- 10. **Material Management and Storage.**
 - a. Materials shall be stored as indicated in Table 1. and Figure 2. of the October 1998 Operations and Maintenance Manual.
 - b. Mixed loads and unsorted waste materials shall be stored inside the leachate containment area.

SPECIFIC CONDITIONS:

c. Unauthorized wastes shall be handled, stored and removed from the site in accordance with Sections 1.0 and 5.0 the October 1998 Operations and Maintenance Manual.

d. All processed residuals (waste and non-recoverable, non-recyclable materials) shall be stored in areas with leachate collection or in covered containers, and shall be removed to an appropriately permitted disposal facility daily on operating days.

e. Recyclable clean wood shall not include wood which has been treated (e.g. creosote, pressure-treated, CCA, etc.) or painted.

f. Clean wood shall be removed from the site for recycling or disposal within six months of receipt.

g. The owner or operator shall remove from the site, 75% of all stored materials each year, for recycling or disposal.

h. All Class I materials and unprocessed residuals shall be stored in areas with leachate collection or in covered containers and shall be disposed of at least once each week, or more often if necessary.

11. Waste Records.

a. The owner or operator of the materials recovery facility shall record, in tons (or cubic yards) per day, the amount of material received. The following information shall be compiled monthly and submitted to the Department quarterly, by January 15th, April 15th, July 15th and October 15th of each year.

(a) The total quantities, in tons (or cubic yards), of all mixed loads and unprocessed waste and materials received, stored on-site and removed from the site;

(b) The quantities in tons (or cubic yards) of each of the processed materials listed in Table 1. (attached), which are stored on-site and the quantities which have been removed for recycling or disposal;

(c) The quantity in tons (or cubic yards) of all Class I waste, and all other residuals and unacceptable wastes which are stored on-site, and have been removed from the site for disposal.

12. Drainage and Leachate Management.

a. All liquids from incoming, unprocessed wastes and materials, and from residuals shall be contained within the leachate containment area and leachate collection systems. Floors shall be free of standing liquids.

SPECIFIC CONDITIONS:

b. The leachate collection drains shall be inspected for damage and clogging **daily** on operating days. Accumulated debris shall be removed immediately. Documentation that the drains, sumps, cleanouts and tanks have been inspected and cleaned shall be maintained at the facility, and shall be provided to the Department upon request.

c. The entire tipping and sorting area shall be cleared of waste, recyclables and residue, and cleaned at least once each week. The truck loading area shall be cleared of residue and cleaned at least once each week. All washdown water from these areas shall be contained within the leachate collection systems.

13. **Stormwater Management.** The site shall have a surface water management system operated and maintained to prevent surface water flow on to processing and storage areas, and a stormwater runoff control system operated and maintained to collect and control stormwater to meet the requirements of Florida Administrative Code Rule 62-330, any other applicable Department rules, and the requirements of the respective water management district.

14. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d).

15. **Financial Assurance.** The permittee shall maintain compliance with financial assurance requirements for the MRF in accordance with F.A.C. 62-701.700(4) and 62-701.730(11), including adjusted cost estimates and proof that the financial mechanism has been adequately funded, either separately or as part of the financial assurance specified in the current landfill operation permit, **annually, by September 1st of each year.**

16. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

17. **Fire Safety.** A fire safety survey shall be conducted **annually** which includes a statement from the local fire protection authorities that the site meets the requirements of the local fire protection authorities. This report shall be submitted upon request. This report shall indicate that all noted deficiencies have been corrected and approved by the local fire protection authorities.

SPECIFIC CONDITIONS:

18. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

19. **Facility Maintenance and Repair.** In the event of damage to any portion of the site facilities, processing equipment, and leachate collection system, or failure of any portion of the associated systems, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

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

21. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

22. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

23. **Regulations.** F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
6.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.
11.	Quarterly, by January 15th, April 15th, July 15th and October 15th	Waste Quantity Reports
15.	Annually, by September 1st	Submit revised cost estimates and submit proof of funding

Figure 2. Process and Leachate Flow Schematic

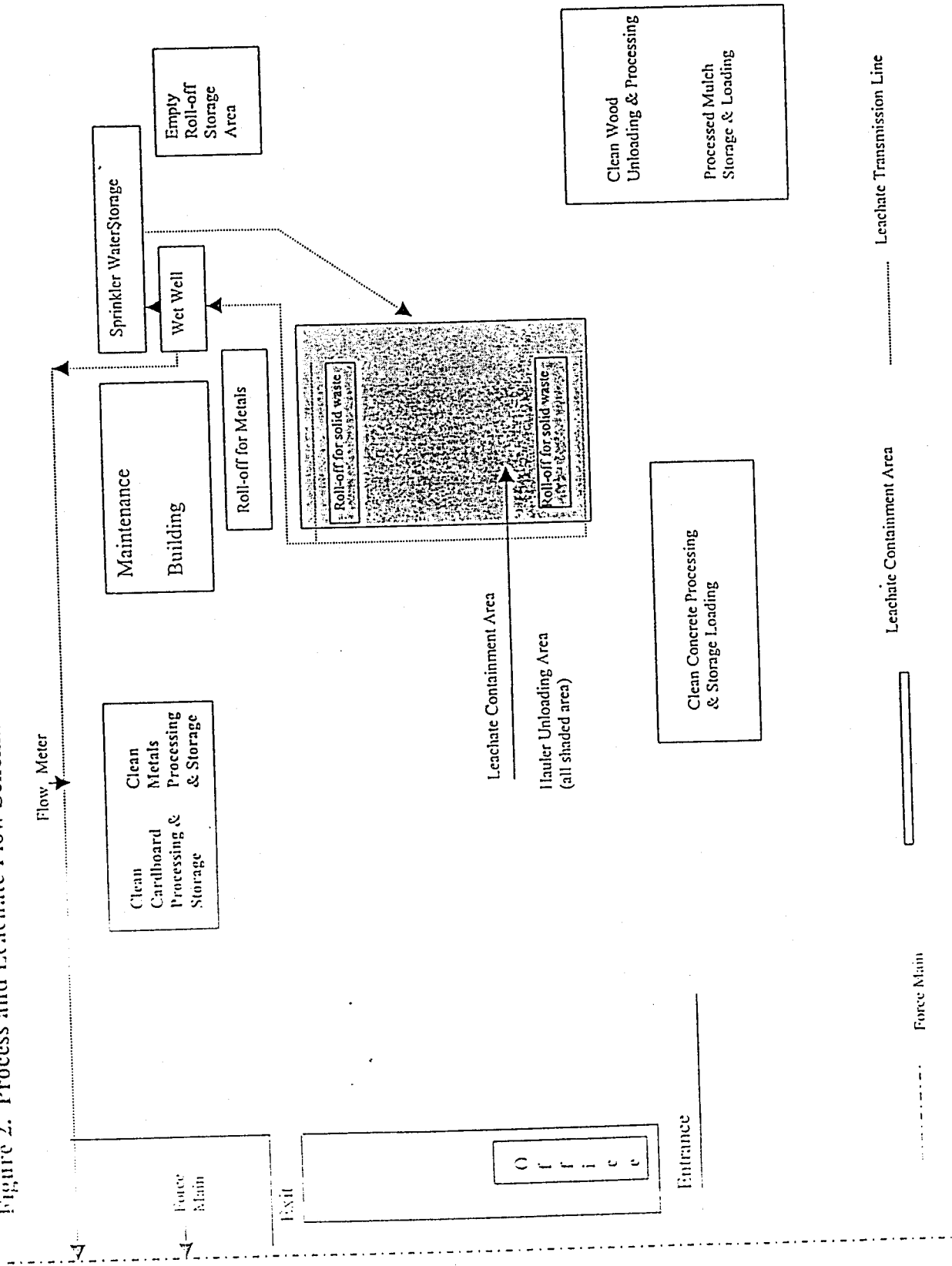
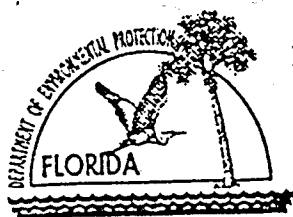


Table 1. Storage Area Capacities

Material	Dimensions ¹	Volume	Mass
Mixed Waste ²	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #1 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Finished Product ⁵	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Clean Cardboard ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁷	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁸	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁹	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons
Totals		27,165 cu. yds.	8,604 tons

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 – 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Finished Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the push wall and the edge of the leachate containment pad.
6. Clean Cardboard = 0.073 tons/cu. yd.
7. Clean Metals = 0.10 tons/cu. yd.
8. Clean Concrete = 0.555 tons/cu. yd.
9. Clean Wood = 0.10 tons/cu. yd.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, FL 32399-2400

Annual Report for C & D Debris Facilities

(due April 1, of each year for preceding calendar year)

DEP Form # 62-701.900 (7)
Form Title: Annual Report for C&D
Facility
Effective Date: 12-23-96
DEP Application
No: _____

1. Name of Facility: _____
2. Company Name: _____
3. Mailing Address: _____
4. County Location: _____
(address if different from mailing address)
5. County of Origin: _____
(where materials came from)
6. Company Contact: _____
(individual responsible for information on this form and phone number)

MATERIAL TYPES	MATERIALS RECOVERED	TOTAL TONS RECOVERED
<u>PAPER</u>	Old Corrugated Containers (OCC) Mixed Paper	_____ _____ Subtotal Paper: _____
<u>PLASTIC</u>	Plastic Bottles All Other Plastic	_____ _____ Subtotal Plastic: _____
<u>METALS</u>	Aluminum Other Non-Ferrous (e.g. brass, copper, etc.) Steel Cans Other Ferrous	_____ _____ _____ _____ Subtotal Metals: _____
<u>TEXTILES</u>	Miscellaneous	_____ Subtotal Textiles: _____
<u>OTHER MATERIALS</u>	Concrete, Brick Fines Wood Asphalt Drywall Roofing Products (shingles)	_____ _____ _____ _____ _____ _____ Subtotal Other: _____

8. TOTAL TONS OF MATERIALS RECOVERED: _____
9. TOTAL TONS OF C & D MATERIALS RECOVERED: _____
10. TOTAL TONS DISPOSED: _____

Signature (authorized Representative) _____

Title _____

Date _____

NOTE: Use one of these forms for each county from which the facility received materials for recovery.

INSTRUCTIONS FOR ANNUAL REPORTING OF CONSTRUCTION AND DEMOLITION (C&D) DEBRIS FACILITIES

A) GENERAL

The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900 (7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1998, and shall cover the proceeding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730, F.A.C.

B) REPORTING FORM INSTRUCTIONS

The following instructions are for the C&D DEBRIS FACILITIES REPORTING FORM.

For each facility listed in item 5 of the Certification Application Form, fill out a separate reporting form for each county from which the facility received recyclable materials. Please make additional copies of this form as necessary.

ALL ANNUAL REPORTING FORMS, once completed, shall be mailed to the following address:

*Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Station # 4570
Waste Reduction Section
Tallahassee, Florida 32399-2400*

-
- 1) Name of Facility: The name of the reporting entity which is engaged in recycling activities (as on Permit).
 - 2) Company Name: This is the name of the individual facility at the address in item 3 below. If the facility does not have a name to differentiate it from other facilities owned or operated by your company or business, use the business name.
 - 3) Mailing Address: This is the actual street address, including city, of the facility (not post office box).
 - 4) County Location: The name of the County in which the facility is physically located.
 - 5) County of Origin: The County from which the recyclable materials were received.
 - 6) Company Contact: Person responsible for the permit. This person should be able to answer all questions pertaining to the permit, including materials handled at facility.
 - 7) Total Tons of Recycled Material: Total of the category subtotals. This should be reported in short tons (2,000 pounds = one short ton).
 - 8) Total Tons of C&D Recycled Materials: Enter the total tons of all recyclable materials handled at the facility. On this line include tons of recovered materials reported in item 7 above plus other recyclable materials not on form.
 - 9) Total Tons of Solid Waste Disposed: Enter the total tons or estimated amount, to the best of your knowledge, of solid waste which was transferred from the facility for disposal, or collected by a solid waste hauler. This should also be material that could not be used for recycling purposes. Level of service information, e.g., size of solid waste container and frequency of collection, will satisfy this requirement and may be entered on this line, in the event that total tons or volume cannot be determined. **THIS ITEM IS TO BE FILLED OUT ONLY IF THE COUNTY AS SHOWN IN ITEM 5 IS THE SAME AS THE COUNTY AS SHOWN IN ITEM 4 ABOVE.**

62-701.700 Materials Recovery Facilities.

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;
2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and
3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority 403.061, 403.704, FS.

Law Implemented 403.702, 403.704, 403.707, FS.

History -- New 1-6-93. Amended 5-19-94, Formerly 62-701.700.

62-701.730 Construction and Demolition Debris Disposal and Recycling.

(1) Applicability.

(a) No person shall construct or operate an off-site construction and demolition debris disposal facility without a permit issued by the Department. Except as otherwise specifically provided in this rule, such facilities which were constructed or operated in accordance with a general permit issued by the Department on or before June 1, 1996, may continue to operate in accordance with that general permit in accordance with the following schedule:

1. Owners or operators of facilities operating under a general permit issued prior to May 1, 1992, shall submit a timely and sufficient permit application that complies with this section by March 1, 1997.

2. Owners or operators of facilities operating under a general permit issued between May 1, 1992 and April 1, 1993, shall submit a timely and sufficient permit application that complies with this section at least 60 days prior to the expiration date of that general permit. A complete permit application shall be submitted no later than April 1, 1998.

3. Owners or operators of facilities operating under a general permit issued after April 1, 1993, shall, by April 1, 1998, either submit a complete permit application that complies with this section, or shall:

a. Submit a ground water monitoring plan that complies with the requirements of Paragraph (4)(b) of this section, and a hydrogeological investigation which complies with the requirements of Subparagraph (2)(a)3 of this section, along with a \$500 processing fee as required by Rule 62-4.050(4)(h)33. The plan shall be implemented within 90 days of submittal;

b. Submit a notification of intent to modify a general permit as provided in Sub-paragraph (1)(a)4 of this section; and

c. Submit financial assurance documentation that complies with the requirements of Subsection (11) of this section.

4. For owners or operators of facilities operating under a general permit issued after April 1, 1993, a modification to that general permit is hereby granted under the following conditions:

a. A person wishing to continue to operate the facility in accordance with a modified general permit shall notify the Department on Form 62-701.900(8).

b. The notification shall include documentation which demonstrates how the applicant is complying or will comply with the requirements of Subsections (6) through (10) of this section. Information which was submitted to the Department to support the existing general permit and which is still valid does not need to be re-submitted. Instead, the notification shall list the information and reaffirm that it is still valid.

c. The notification shall include a \$250 processing fee.

d. The modification to the general permit shall have the effect of allowing the applicant to continue to operate under that general permit, but shall not have the effect of changing the expiration date of that general permit. At least 60 days prior to the expiration date, the applicant shall submit a timely

and sufficient permit application that complies with the requirements of this section.

5. Notwithstanding the compliance deadlines specified above, the operation requirements in subsection (7) of this section and the training requirements in subsection (8) of this section shall be complied with no later than May 1, 1997.

6. Notwithstanding the compliance deadlines specified above, the annual report required in subsection (12) of this section shall be submitted no later than April 1, 1998.

(b) After the applicable compliance deadline specified above, facilities shall operate only in accordance with the provisions of this section. However, disposal units which were constructed and operated under a general permit, and which received a significant amount of waste in accordance with that general permit prior to the applicable compliance deadline, are not required to comply with any siting or construction design requirements of this chapter which were not in effect prior to the applicable compliance deadline. For purposes of this subsection:

1. A "significant amount of waste" means that the disposal area has received sufficient waste for disposal, in accordance with its normal operational plan, so that it is impractical to remove that waste or to relocate or reconstruct the disposal area.

2. "Siting or construction design requirements" do not include the hydrogeological investigation required by Rule 62-701.730(2)(a)3., F.A.C., or the ground water monitoring plan required by Rule 62-701.730(4)(b), F.A.C.

(c) A disposal facility which ceases accepting waste prior to the compliance deadline specified above shall close in accordance with the provisions of its general permit.

(d) A permit application which complies with the provisions of this section is required for any lateral expansion of a construction and demolition debris disposal unit after June 1, 1996, notwithstanding the compliance schedule above.

(e) No person shall construct or operate a facility which accepts construction and demolition debris for recycling without a permit issued by the Department. Persons operating materials recovery facilities which accept construction and demolition debris may continue to operate under their existing permits. At the time of renewal of that permit, the requirements of this section shall be complied with.

(f) The provisions of Rule 62-701.320(8)(b), F.A.C., do not apply to construction and demolition debris disposal facility applications. Instead, the Department will provide notice to local governments in accordance with Section 403.707(12)(i)), F.S.

(2) Application. A permit application for an off-site construction and demolition debris disposal facility, disposal unit, or lateral expansion shall be submitted on Form 62-701.900(6) and shall include the information required in Rules 62-701.320(5), (6), (7), and (8)(a), F.A.C., specifically including:

(a) An engineering report, signed and sealed by a professional engineer, that includes:

1. A site plan, of a scale not greater than 200 feet to the inch, which shows the project location and identifies the proposed disposal units, total acreage of the site and of the proposed disposal units, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site, and community water systems on or within 1000 feet of the site;

2. A geotechnical investigation which meets the criteria of Rule 62-701.420, F.A.C.

3. A hydrogeological investigation which meets the criteria of Rules 62-701.410(1)(a) and (c), F.A.C.; and

4. An estimate of the planned active life of the facility, the design of the disposal areas, and the design height of the facility;

(b) A boundary survey, legal description, and topographic survey of the property;

(c) An operation plan which describes how the applicant will comply with Rule 62-701.730(7), F.A.C.;

(d) A closure plan which describes generally how the applicant will comply with Rules 62-701.730(9) and (10), F.A.C.;

(e) The financial assurance documentation required by Rule 62-701.730(11), F.A.C.; and

(f) Documentation that the applicant either owns the land or has legal authorization from the land owner to use the land for a disposal facility and to conduct long-term care.

(3) Certification. After completion of construction of a construction and demolition debris disposal facility, and before acceptance of any construction and demolition debris, the engineer of record shall certify to the Department on Form 62-701.900(2) that the permitted construction is complete and that it was done in accordance with the plans submitted to the Department except where minor deviation was necessary. All deviations shall be described in detail and the reasons therefore enumerated. The applicant shall provide at least 7 days advance notice to the Department prior to accepting construction and demolition debris so that the Department has the opportunity to inspect the site.

(4) Other requirements. Except as specified in this section, the requirements of Rules 62-701.330 through 62-701.630, F.A.C., do not apply to construction and demolition debris disposal facilities.

(a) The Department shall not require liners and leachate collection systems at individual facilities unless it demonstrates based upon the types of waste received, methods for controlling the types of waste disposed of, the proximity of ground water and surface water, and the results of the hydrogeological and geotechnical investigations that operation of the facility is reasonably expected to result in violations of ground water standards and criteria otherwise. If the Department determines that a liner and leachate control system may be required, it shall notify the applicant within 30 days of receipt of the information which forms the basis for such a

determination. The applicant may either submit additional information, redesign the facility to include a liner and leachate collection system, or demand that the Department process the application without such additional information or redesign.

(b) A ground water monitoring plan which meets the criteria set forth in Rule 62-701.510 and Chapter 62-522, F.A.C., shall be included with the permit application, and shall be implemented and maintained by the owner or operator, with the following exceptions:

1. If no disposal unit is constructed with a liner and leachate collection system, then leachate sampling is not required.

2. Unless a disposal unit is constructed or operated within 200 feet of a surface water body, or unless site-specific conditions could reasonably be expected to result in contaminants entering a surface water body, surface water sampling is not required. For purposes of this subparagraph, a surface water body does not include a body of water contained completely within the property boundaries of the disposal site that does not discharge from the site to surface waters.

3. The well spacing requirements of Rule 62-701.510(3)(d)3., F.A.C., do not apply. A minimum of one upgradient and two downgradient wells is required, as specified in Chapter 62-522, F.A.C.

4. Detection wells shall be sampled and analyzed at least semi-annually for the following parameters:

Field Parameters

pH
Turbidity
Temperature
Specific conductivity
Dissolved oxygen
Water elevations
Colors and sheens
(by observation)

Laboratory Parameters

Aluminum
Chlorides
Nitrate
Sulfate
Total dissolved solids
Iron
Sodium
Arsenic
Cadmium
Chromium
Lead
Mercury
Ammonia
Phenols

Those parameters listed in
EPA Methods 601 and 602

5. Background water quality shall be sampled and analyzed in accordance with the provisions of Rule 62-701.510(6)(a), F.A.C. In addition, all background and detection wells shall be sampled and analyzed at least once prior to permit renewal for those parameters listed in Rule 62-701.510(8)(a), F.A.C.

6. The owner or operator of the facility may request a permit modification from the appropriate District Office of the Department to delete specific laboratory parameters or field parameters from routine analyses of detection wells and surface water. The Department will grant a request for a permit

modification upon a demonstration that these parameters are not reasonably expected to be in or derived from the waste which was received or disposed of at the facility.

(c) Putrescible household waste shall not be disposed of at a construction and demolition debris disposal facility.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste for disposal or recycling. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

(6) Temporary storage. The owner or operator shall make arrangements or shall have equipment for temporary storage, handling and transport to an authorized disposal or recycling facility for solid waste, other than construction and demolition debris, which is inadvertently accepted by the facility. Such solid waste which is accepted by the facility shall be segregated and disposed of in accordance with Department rules. Unless an alternate schedule is included in an operation plan submitted with the permit application, which provides for the control of odors and vectors, putrescible waste shall not be stored for longer than 48 hours and non-putrescible waste shall not be stored for longer than 30 days. Any hazardous waste which is received by the facility shall be managed in accordance with the provisions of Chapter 62-730, F.A.C.

(7) Operation requirements. Owners and operators of construction and demolition debris disposal facilities shall comply with the following requirements by May 1, 1997, or at the time of permit issuance, whichever is sooner:

(a) An operation plan describing the facility operations and maintenance, emergency and contingency plans, and types of equipment that will be used shall be kept at the facility at all times and made available for inspection. All activities at the facility shall be performed in accordance with this plan and the permit conditions. The plan shall be updated as operations change but no less frequently than upon renewal of the permit. The Department shall be notified of changes to the plan other than those required for routine maintenance.

(b) Construction and demolition debris shall be compacted and sloped as necessary to assure that the requirements of subsection (9) of this section can be met. A schedule for compaction and grading shall be included in the operation plan.

(c) Access to the disposal facility shall be controlled during the active life of the facility by fencing or other effective barriers to prevent disposal of solid waste other than construction and demolition debris.

(d) At least one spotter shall be on duty at the working face to inspect the incoming waste at all times waste is being accepted at the site. Waste must be inspected after it is removed from the transport vehicle and prior to placement for final disposal. Any prohibited material shall be removed from the waste stream and placed into appropriate containers or secure

storage areas for disposal or recycling at a facility authorized by the Department to receive such waste.

(e) The facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C. SOT
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(f) Fuels, solvents, lubricants, and other maintenance materials shall be stored in secure areas separate from the disposal or sorting areas.

(8) Training. Owners and operators of facilities shall ensure that operators and spotters employed at the facility are properly trained to operate the facility, and to identify and properly manage any hazardous or prohibited materials which are received at the facility. A training plan shall be included as part of the permit application. The training plan shall either include a list and schedule of those classes offered to the public which will be attended by the facility's operators and spotters, or shall include a description of the facility's in-house training program and a demonstration that this program can be expected to adequately train operators and spotters to operate the facility and to identify and properly manage any hazardous or prohibited materials which are received at the facility. The training plan, along with records documenting how the training plan is being implemented, shall be kept at the facility at all times and be made available for inspection by Department staff. Owners and operators of facilities in operation prior to December 23, 1996, shall comply with this subsection by May 1, 1997, or at the time of permit issuance, whichever is sooner. Within one year of the date that the training plan is submitted to the Department, or within one year of the hiring of any particular operator, each operator shall complete at least 20 hours of training in a course described in the training plan. Within each three-year period after successfully completing the initial training course, each operator shall complete at least 15 hours of continuing training in a course described in the training plan. Spotters must meet the same training requirements as operators except that only 8 hours of initial training and 8 hours of continuing training are required. The Department will maintain a list of relevant training courses which are available in this State.

(9) Closure.

(a) At least 90 days prior to the date when wastes will no longer be accepted, the owner or operator of the construction and demolition debris disposal facility shall submit an updated closure plan to the Department to reflect any changes in the closure plan due to actual operational conditions at the facility.

(b) Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after it has reached its final grade. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall be capable of supporting vegetation, and shall be graded and compacted as necessary to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal units shall be no greater than three feet horizontal to one foot vertical rise. If the disposal unit is lined, the

closure design shall include a barrier layer or other measures to ensure that the design leachate head over the liner is not exceeded after closure.

(c) The owner or operator shall provide a certification of closure construction completion to the Department within 30 days after closing, covering, and seeding the disposal unit. The owner or operator shall also provide a final survey report done by a professional surveyor, in accordance with Rule 62-701.610(3), F.A.C., if disposal operations have raised the final elevations higher than 20 feet above the natural land surface.

(d) Upon receipt of the documents required in paragraph (c) of this subsection, the Department shall, within 30 days, acknowledge by letter that notice of termination of operations and closing of the facility has been received. The date of this letter shall be the official date of landfill closing for the purpose of determining the long-term care period, in accordance with Rule 62-701.610(6), F.A.C.

(10) Long-term care. The owner or operator of the construction and demolition debris disposal facility shall continue to monitor and maintain the facility for five years from the date of closing. This time period shall be extended if assessment monitoring or corrective action has been initiated in accordance with Rule 62-701.510(7), F.A.C., or if site-specific conditions make it likely that any contamination which may emanate from the disposal area would not be detected within five years.

(11) Financial assurance.

(a) The owner or operator of an off-site construction and demolition debris disposal facility shall provide the Department with proof of financial assurance issued in favor of the State of Florida in the amount of the closing and long-term care cost estimates for the facility. This proof, along with the closing and long-term care cost estimates, shall be submitted to the Department as part of the permit application for the facility. Proof of financial assurance shall consist of one or more of the following financial instruments which comply with the requirements of Rule 62-701.630(6), F.A.C.: trust fund; surety bond guaranteeing payment; surety bond guaranteeing performance; irrevocable letter of credit; insurance; and financial test and corporate guarantee. If the owner or operator of the facility is a local government, an escrow account which complies with the requirements of Rule 62-701.630(5), F.A.C., may be used to provide proof of financial assurance. Financial documents shall be submitted on Form 62-701.900(5)(a), (b), (c), (d), (e), (f), (g), or (h), as appropriate.

(b) Closure cost estimates and annual updates thereof shall comply with the provisions of Rules 62-701.630(3) and (4)(a) through (d), F.A.C., except that the cost of long-term care shall be based upon a five-year period, and the costs shall be based upon compliance with this section.

(c) If a local government requires financial assurance for closure, which is at least as stringent as that required by this rule, the Department will attempt to establish a cooperative

mechanism with the local government and thereby avoid duplicative financial requirements.

(12) Annual Reports. The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900(7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1998, and shall cover the preceding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730(1), F.A.C.

(13) Recycling.

(a) The owner or operator of a facility which accepts construction and demolition debris for disposal and which also recovers materials from the construction and demolition debris waste stream for purposes of recycling shall meet the requirements of this section as well as the requirements of Rule 62-701.700, F.A.C. If there is a conflict between this section and Rule 62-701.700, F.A.C., this section shall govern. It is not necessary for the owner or operator to apply for a separate permit as a materials recovery facility or to pay an additional fee.

(b) The owner or operator of a facility which recovers materials from the construction and demolition debris waste stream for purposes of recycling but which does not dispose of any wastes on-site shall apply for a permit on Form 62-701.900(6), and shall comply with the provisions of Rule 62-701.700, F.A.C., with the following exceptions and additions:

1. At least one spotter shall be on duty at all times that waste is received at the site to inspect the incoming waste. Any prohibited material shall be removed from the waste stream and placed into appropriate containers for disposal at a permitted facility in accordance with a schedule submitted as part of the operation plan.

2. The training requirements of subsection (8) of this section apply.

3. The financial assurance requirements of subsection (11) of this section apply, except for those provisions relating to long-term care.

4. The reporting requirements of subsection (12) of this section apply.

5. The requirements of paragraphs (7)(c) and (e) of this section apply. Access to the facility shall be controlled during the active life of the facility, and the facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C.

6. The requirements of Rules 62-701.700(2)(c) and (e), F.A.C., regarding a leachate control system and leachate containment do not apply if all areas which waste is stored and processed are covered by a ground water monitoring system which meets the requirements of paragraph (4)(b) of this section. Owners and operators of facilities which were permitted prior to

January 6, 1993, shall meet the requirements of Rules 62-701.700(2)(c) and (e), F.A.C., or shall meet the requirements of paragraph (4)(b) of this section, at the time of permit renewal.

(c) In order to reuse recovered fines or screened materials other than clean debris from the construction and demolition debris waste stream, an owner or operator shall demonstrate that this material will be managed and reused in a manner that will pose no significant threat to public health or the environment. In making this demonstration, the owner or operator may consider background levels of receiving soils, whether the material will be blended with other materials, and the likelihood that the material may have unlimited distribution or come into direct contact with the public. Examples of management practices which would not require analysis for health-based criteria include permanent encapsulation, use as initial or intermediate cover or subsurface construction at a permitted landfill, or use under at least two feet of clean cover material.

(14) Incineration. A facility which employs an air curtain incinerator and which also stores or disposes of construction and demolition debris at the site shall meet the permitting requirements of Rule 62-256.500, F.A.C., as well as this section.

(15) Clean debris. Clean debris may be used as fill material in any area, including waters of the State, subject to receipt of an environmental resource permit from the Department where applicable. Clean debris used as fill material is not solid waste, and such use does not require a solid waste permit under this rule.

(16) Landfill disposal. Construction and demolition debris may be disposed of in a permitted landfill. However, each county must maintain segregated disposal areas for construction and demolition debris. The cover requirements for a segregated construction and demolition debris disposal area within a permitted landfill shall be those in subsection (9) of this section. Landfills permitted in accordance with Rule 62-701.330, F.A.C., which have construction and demolition debris disposal units or recycling facilities included as part of their permit conditions, are not required to submit separate permit applications or financial assurance documents under this section.

(17) On-site disposal. Construction and demolition debris which is disposed of on the property where it is generated, or on property which is adjacent or contiguous to and under common ownership and control as that property where the waste is generated, is exempt from the permitting requirements of this section and Rule 62-701.330, F.A.C. However, such disposal is subject to the prohibitions of Rule 62-701.300, F.A.C. All waste shall be inspected by the generator or a spotter prior to disposal, either at the point of generation or at the disposal site, to ensure that any prohibited material is removed from the waste stream prior to disposal and managed in accordance with Department rules. Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after final receipt of waste. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall

be capable of supporting vegetation, and shall be graded and compacted as necessary to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal areas shall be no greater than three feet horizontal to one foot vertical rise.

(18) Disposal restrictions. Construction and demolition debris may be disposed of only in accordance with one of the methods authorized above. In addition, disposal areas shall be operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized.

(19) Asbestos waste disposal. Asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, shall not be disposed of in a construction and demolition debris disposal unit.

(20) Fees. The fee for a permit to construct, operate, and close a construction and demolition debris disposal facility, including facilities that also recycle, is \$2500. The fee for a permit to construct, operate, and close a construction and demolition debris recycling facility is \$2000. The fee for renewing a disposal or recycling facility permit which does not involve additional construction is \$1000. The fee for renewing a disposal or recycling facility permit involving only long-term care is \$250.

(21) Alternate procedures. The owner or operator of a facility may request alternate procedures and requirements in accordance with Rule 62-701.310, F.A.C. However, if such request is based upon the nature of the construction and demolition debris accepted at the facility (for example, if a facility accepts only segregated wastes which are expected to have a minimal environmental impact), the request will be submitted to and acted on by the appropriate District office of the Department, and need not be accompanied by any additional fee.

Specific Authority 403.0877, 403.704, 403.707, FS.
Law Implemented 403.0877, 403.706, 403.707, FS.
History New 8-2-89; Formerly 62-701.061; Amended 1-6-93, Formerly 62-701.730, amended 12-23-96, 4-23-97.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

February 20, 2002

PERMITTEE:

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

Re: Modification #134912-002 to existing
Operation Permit No.: 134912-001-SO, Sarasota County
CCSWDC Materials Recovery Facilities

Dear Mr. Bennett:

Your existing operation permit No. 134912-001-SO is hereby modified as follows:

**SPECIFIC
CONDITIONS**

TYPE OF MODIFICATION

#2 (Amended)	Added reference to new supporting documents related to facility improvements and revisions to the Operation and Maintenance Manual
--------------	--

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

Sincerely

Deborah A. Getzoff
Director of District Management
Southwest District

DAG/kbf/ab
Attachments



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue: 10/12/1998
Expiration Date: 10/01/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E
Project: CCSWDC Materials
Recovery Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction and operation of:

1. materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - (a) Determination of Best Available Control Technology (BACT)
 - (b) Determination of Prevention of Significant Deterioration (PSD)
 - (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
 - (d) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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

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

GENERAL CONDITIONS:

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

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

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a materials recovery facility (MRF) for materials recovery, sorting and recycling of construction and demolition debris and some Class III waste materials, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-4 and 62-701, Florida Administrative Code.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the materials recovery facility and related systems in accordance with the reports, plans and other information as follows:

- January 1998 Permit Application received on January 16, 1998;
- October 1998 Operations and Maintenance Manual and construction drawings received on October 6, 1998;
- Revised drawing 1/3 and replacement pages for the Operation and Maintenance Manual received on December 20, 2001;

and in accordance with all applicable requirements of Department rules.

Amended 02/20/2002.

3. **Permit Modifications.** Any construction or operation not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

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

- a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer in charge of construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

SPECIFIC CONDITIONS:

- b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include, but not be limited to, details such as the as-built elevations of the floors and leachate collection piping.
- c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.
- 7. **Facility Operation Requirements.**
 - a. The permittee shall operate this facility in accordance with F.A.C. Rules 62-701.700 and 62-701.730 (attached), and the October 1998 Operations and Maintenance Manual, and any other applicable requirements.
 - b. Unprocessed materials (except clean concrete and clean wood) shall be unloaded and stored inside the leachate containment area prior to processing.
 - c. Litter shall be collected at least once daily on operating days.
 - d. All incoming wastes and materials shall be handled on a first-in, first-out basis. In the event of equipment breakdown or scheduled maintenance, the permittee shall ensure that sufficient reserve equipment is operating at the site **within 72 hours** of the occurrence or the facility shut down.
 - e. If the facility has reached its permitted storage capacity for any area, the permittee shall not accept additional waste or materials for processing or disposal until sufficient capacity has been restored.
- 8. **Operation Plan and Operating Record.** A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.
- 9. **Operating Personnel.** A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operation plan to adequately operate the facility.
- 10. **Material Management and Storage.**
 - a. Materials shall be stored as indicated in Table 1. and Figure 2. of the October 1998 Operations and Maintenance Manual.
 - b. Mixed loads and unsorted waste materials shall be stored inside the leachate containment area.

SPECIFIC CONDITIONS:

- c. Unauthorized wastes shall be handled, stored and removed from the site in accordance with Sections 1.0 and 5.0 the October 1998 Operations and Maintenance Manual.
 - d. All processed residuals (waste and non-recoverable, non-recyclable materials) shall be stored in areas with leachate collection or in covered containers, and shall be removed to an appropriately permitted disposal facility daily on operating days.
 - e. Recyclable clean wood shall not include wood which has been treated (e.g. creosote, pressure-treated, CCA, etc.) or painted.
 - f. Clean wood shall be removed from the site for recycling or disposal within six months of receipt.
 - g. The owner or operator shall remove from the site, 75% of all stored materials each year, for recycling or disposal.
 - h. All Class I materials and unprocessed residuals shall be stored in areas with leachate collection or in covered containers and shall be disposed of at least once each week, or more often if necessary.
11. **Waste Records.**
- a. The owner or operator of the materials recovery facility shall record, in tons (or cubic yards) per day, the amount of material received. The following information shall be compiled monthly and submitted to the Department quarterly, by January 15th, April 15th, July 15th and October 15th of each year.
 - (a) The total quantities, in tons (or cubic yards), of all mixed loads and unprocessed waste and materials received, stored on-site and removed from the site;
 - (b) The quantities in tons (or cubic yards) of each of the processed materials listed in Table 1. (attached), which are stored on-site and the quantities which have been removed for recycling or disposal;
 - (c) The quantity in tons (or cubic yards) of all Class I waste, and all other residuals and unacceptable wastes which are stored on-site, and have been removed from the site for disposal.
12. **Drainage and Leachate Management.**
- a. All liquids from incoming, unprocessed wastes and materials, and from residuals shall be contained within the leachate containment area and leachate collection systems. Floors shall be free of standing liquids.

SPECIFIC CONDITIONS:

- b. The leachate collection drains shall be inspected for damage and clogging **daily** on operating days. Accumulated debris shall be removed immediately. Documentation that the drains, sumps, cleanouts and tanks have been inspected and cleaned shall be maintained at the facility, and shall be provided to the Department upon request.
- c. The entire tipping and sorting area shall be cleared of waste, recyclables and residue, and cleaned at least once each week. The truck loading area shall be cleared of residue and cleaned at least once each week. All washdown water from these areas shall be contained within the leachate collection systems.
13. **Stormwater Management.** The site shall have a surface water management system operated and maintained to prevent surface water flow on to processing and storage areas, and a stormwater runoff control system operated and maintained to collect and control stormwater to meet the requirements of Florida Administrative Code Rule 62-330, any other applicable Department rules, and the requirements of the respective water management district.
14. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d).
15. **Financial Assurance.** The permittee shall maintain compliance with financial assurance requirements for the MRF in accordance with F.A.C. 62-701.700(4) and 62-701.730(11), including adjusted cost estimates and proof that the financial mechanism has been adequately funded, either separately or as part of the financial assurance specified in the current landfill operation permit, **annually, by September 1st of each year.**
16. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.
17. **Fire Safety.** A fire safety survey shall be conducted **annually** which includes a statement from the local fire protection authorities that the site meets the requirements of the local fire protection authorities. This report shall be submitted upon request. This report shall indicate that all noted deficiencies have been corrected and approved by the local fire protection authorities.

SPECIFIC CONDITIONS:

18. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

19. **Facility Maintenance and Repair.** In the event of damage to any portion of the site facilities, processing equipment, and leachate collection system, or failure of any portion of the associated systems, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

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

21. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

22. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

23. **Regulations.** F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
6.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.
11.	Quarterly, by January 15th, April 15th, July 15th and October 15th	Waste Quantity Reports
15.	Annually, by September 1st	Submit revised cost estimates and submit proof of funding

Figure 2. Process and Leachate Flow Schematic

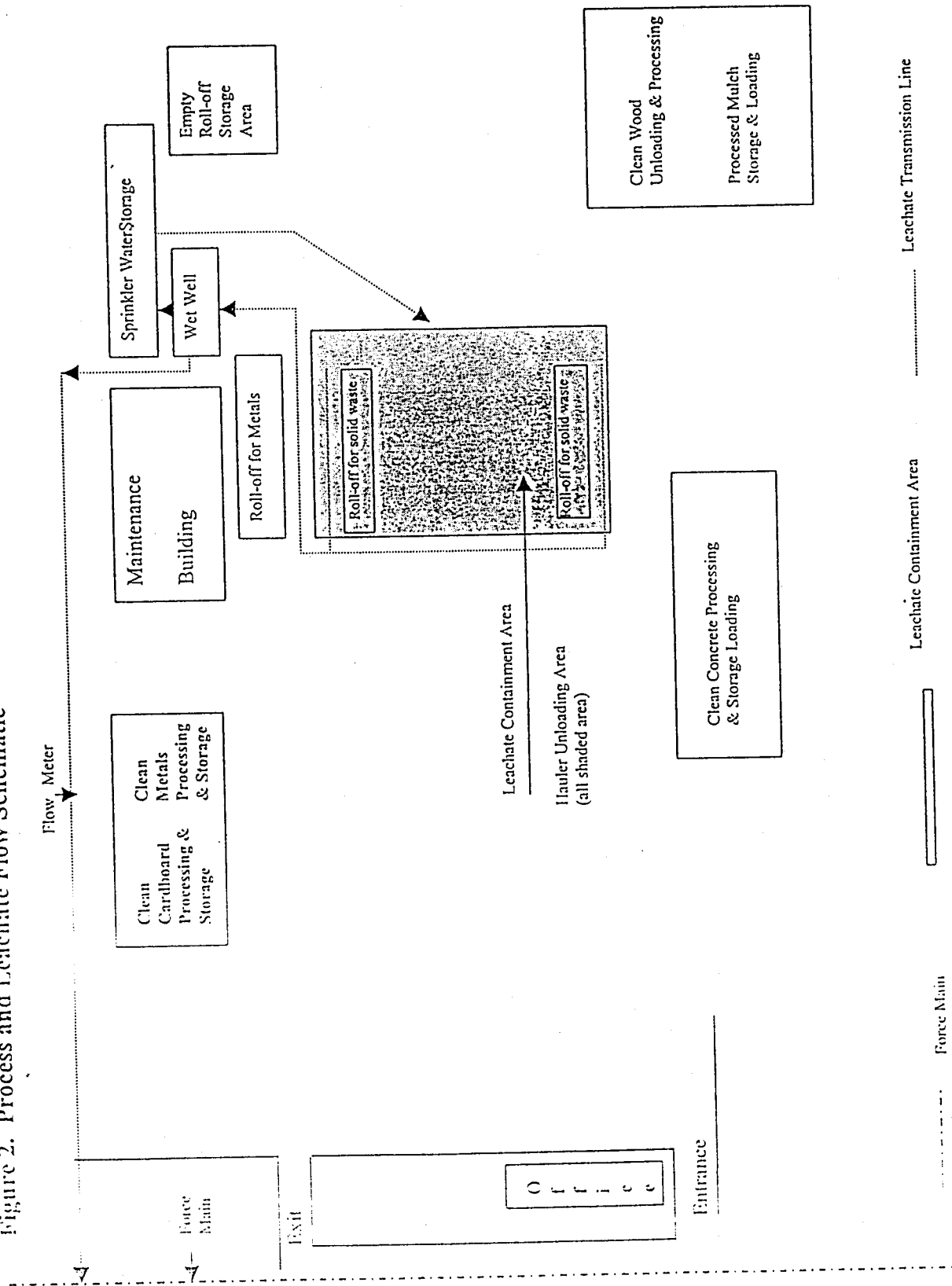
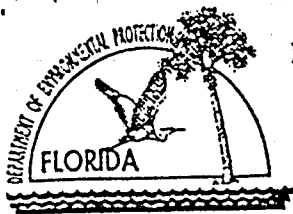


Table 1. Storage Area Capacities

Material	Dimensions ¹	Volume	Mass
Mixed Waste ²	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #1 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Finished Product ⁵	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Clean Cardboard ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁷	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁸	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁹	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons
Totals		27,165 cu. yds.	8,604 tons

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 – 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Finished Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the push wall and the edge of the leachate containment pad.
6. Clean Cardboard = 0.073 tons/cu. yd.
7. Clean Metals = 0.10 tons/cu. yd.
8. Clean Concrete = 0.555 tons/cu. yd.
9. Clean Wood = 0.10 tons/cu. yd.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, FL 32399-2400
Annual Report for C & D Debris Facilities
(due April 1, of each year for preceding calendar year)

DEP Form # 62-701.900 (7)
Form Title: Annual Report for C&D
Facility
Effective Date: 12-23-96
DEP Application
No: _____

1. Name of Facility: _____
2. Company Name: _____
3. Mailing Address: _____
4. County Location: _____
(address if different from mailing address)
5. County of Origin: _____
(where materials came from)
6. Company Contact: _____
(individual responsible for information on this
form and phone number)

MATERIAL TYPES	MATERIALS RECOVERED	TOTAL TONS RECOVERED
<u>PAPER</u>	Old Corrugated Containers (OCC) Mixed Paper	_____ _____ Subtotal Paper: _____
<u>PLASTIC</u>	Plastic Bottles All Other Plastic	_____ _____ Subtotal Plastic: _____
<u>METALS</u>	Aluminum Other Non-Ferrous (e.g. brass, copper, etc.) Steel Cans Other Ferrous	_____ _____ _____ Subtotal Metals: _____
<u>TEXTILES</u>	Miscellaneous	_____ Subtotal Textiles: _____
<u>OTHER MATERIALS</u>	Concrete, Brick Fines Wood Asphalt Drywall Roofing Products (shingles)	_____ _____ _____ _____ _____ Subtotal Other: _____

8. TOTAL TONS OF MATERIALS RECOVERED: _____
9. TOTAL TONS OF C & D MATERIALS RECOVERED: _____
10. TOTAL TONS DISPOSED: _____

Signature (authorized Representative) _____

Title _____

Date _____

NOTE: Use one of these forms for each county from which the facility received materials for recovery.

INSTRUCTIONS FOR ANNUAL REPORTING OF CONSTRUCTION AND DEMOLITION (C&D) DEBRIS FACILITIES

A) GENERAL

The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900 (7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1998, and shall cover the proceeding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730, F.A.C.

B) REPORTING FORM INSTRUCTIONS

The following instructions are for the C&D DEBRIS FACILITIES REPORTING FORM.

For each facility listed in item 5 of the Certification Application Form, fill out a separate reporting form for each county from which the facility received recyclable materials. Please make additional copies of this form as necessary.

ALL ANNUAL REPORTING FORMS, once completed, shall be mailed to the following address:

*Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Station # 4570
Waste Reduction Section
Tallahassee, Florida 32399-2400*

-
- 1) Name of Facility: The name of the reporting entity which is engaged in recycling activities (as on Permit).
 - 2) Company Name: This is the name of the individual facility at the address in item 3 below. If the facility does not have a name to differentiate it from other facilities owned or operated by your company or business, use the business name.
 - 3) Mailing Address: This is the actual street address, including city, of the facility (not post office box).
 - 4) County Location: The name of the County in which the facility is physically located.
 - 5) County of Origin: The County from which the recyclable materials were received.
 - 6) Company Contact: Person responsible for the permit. This person should be able to answer all questions pertaining to the permit, including materials handled at facility.
 - 7) Total Tons of Recycled Material: Total of the category subtotals. This should be reported in short tons (2,000 pounds = one short ton).
 - 8) Total Tons of C&D Recycled Materials: Enter the total tons of all recyclable materials handled at the facility. On this line include tons of recovered materials reported in item 7 above plus other recyclable materials not on form.
 - 9) Total Tons of Solid Waste Disposed: Enter the total tons or estimated amount, to the best of your knowledge, of solid waste which was transferred from the facility for disposal, or collected by a solid waste hauler. This should also be material that could not be used for recycling purposes. Level of service information, e.g., size of solid waste container and frequency of collection, will satisfy this requirement and may be entered on this line, in the event that total tons or volume cannot be determined. THIS ITEM IS TO BE FILLED OUT ONLY IF THE COUNTY AS SHOWN IN ITEM 5 IS THE SAME AS THE COUNTY AS SHOWN IN ITEM 4 ABOVE.

62-701.700 Materials Recovery Facilities.

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;

2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and

3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority 403.061, 403.704, FS.

Law Implemented 403.702, 403.704, 403.707, FS.

History -- New 1-6-93. Amended 5-19-94, Formerly 62-701.700.

62-701.730 Construction and Demolition Debris Disposal and Recycling.

(1) Applicability.

(a) No person shall construct or operate an off-site construction and demolition debris disposal facility without a permit issued by the Department. Except as otherwise specifically provided in this rule, such facilities which were constructed or operated in accordance with a general permit issued by the Department on or before June 1, 1996, may continue to operate in accordance with that general permit in accordance with the following schedule:

1. Owners or operators of facilities operating under a general permit issued prior to May 1, 1992, shall submit a timely and sufficient permit application that complies with this section by March 1, 1997.

2. Owners or operators of facilities operating under a general permit issued between May 1, 1992 and April 1, 1993, shall submit a timely and sufficient permit application that complies with this section at least 60 days prior to the expiration date of that general permit. A complete permit application shall be submitted no later than April 1, 1998.

3. Owners or operators of facilities operating under a general permit issued after April 1, 1993, shall, by April 1, 1998, either submit a complete permit application that complies with this section, or shall:

a. Submit a ground water monitoring plan that complies with the requirements of Paragraph (4)(b) of this section, and a hydrogeological investigation which complies with the requirements of Subparagraph (2)(a)3 of this section, along with a \$500 processing fee as required by Rule 62-4.050(4)(h)33. The plan shall be implemented within 90 days of submittal;

b. Submit a notification of intent to modify a general permit as provided in Sub-paragraph (1)(a)4 of this section; and

c. Submit financial assurance documentation that complies with the requirements of Subsection (11) of this section.

4. For owners or operators of facilities operating under a general permit issued after April 1, 1993, a modification to that general permit is hereby granted under the following conditions:

a. A person wishing to continue to operate the facility in accordance with a modified general permit shall notify the Department on Form 62-701.900(8).

b. The notification shall include documentation which demonstrates how the applicant is complying or will comply with the requirements of Subsections (6) through (10) of this section. Information which was submitted to the Department to support the existing general permit and which is still valid does not need to be re-submitted. Instead, the notification shall list the information and reaffirm that it is still valid.

c. The notification shall include a \$250 processing fee.

d. The modification to the general permit shall have the effect of allowing the applicant to continue to operate under that general permit, but shall not have the effect of changing the expiration date of that general permit. At least 60 days prior to the expiration date, the applicant shall submit a timely

and sufficient permit application that complies with the requirements of this section.

5. Notwithstanding the compliance deadlines specified above, the operation requirements in subsection (7) of this section and the training requirements in subsection (8) of this section shall be complied with no later than May 1, 1997.

6. Notwithstanding the compliance deadlines specified above, the annual report required in subsection (12) of this section shall be submitted no later than April 1, 1998.

(b) After the applicable compliance deadline specified above, facilities shall operate only in accordance with the provisions of this section. However, disposal units which were constructed and operated under a general permit, and which received a significant amount of waste in accordance with that general permit prior to the applicable compliance deadline, are not required to comply with any siting or construction design requirements of this chapter which were not in effect prior to the applicable compliance deadline. For purposes of this subsection:

1. A "significant amount of waste" means that the disposal area has received sufficient waste for disposal, in accordance with its normal operational plan, so that it is impractical to remove that waste or to relocate or reconstruct the disposal area.

2. "Siting or construction design requirements" do not include the hydrogeological investigation required by Rule 62-701.730(2)(a)3., F.A.C., or the ground water monitoring plan required by Rule 62-701.730(4)(b), F.A.C.

(c) A disposal facility which ceases accepting waste prior to the compliance deadline specified above shall close in accordance with the provisions of its general permit.

(d) A permit application which complies with the provisions of this section is required for any lateral expansion of a construction and demolition debris disposal unit after June 1, 1996, notwithstanding the compliance schedule above.

(e) No person shall construct or operate a facility which accepts construction and demolition debris for recycling without a permit issued by the Department. Persons operating materials recovery facilities which accept construction and demolition debris may continue to operate under their existing permits. At the time of renewal of that permit, the requirements of this section shall be complied with.

(f) The provisions of Rule 62-701.320(8)(b), F.A.C., do not apply to construction and demolition debris disposal facility applications. Instead, the Department will provide notice to local governments in accordance with Section 403.707(12)(i)), F.S.

(2) Application. A permit application for an off-site construction and demolition debris disposal facility, disposal unit, or lateral expansion shall be submitted on Form 62-701.900(6) and shall include the information required in Rules 62-701.320(5), (6), (7), and (8)(a), F.A.C., specifically including:

(a) An engineering report, signed and sealed by a professional engineer, that includes:

1. A site plan, of a scale not greater than 200 feet to the inch, which shows the project location and identifies the proposed disposal units, total acreage of the site and of the proposed disposal units, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site, and community water systems on or within 1000 feet of the site;

2. A geotechnical investigation which meets the criteria of Rule 62-701.420, F.A.C.

3. A hydrogeological investigation which meets the criteria of Rules 62-701.410(1)(a) and (c), F.A.C.; and

4. An estimate of the planned active life of the facility, the design of the disposal areas, and the design height of the facility;

(b) A boundary survey, legal description, and topographic survey of the property;

(c) An operation plan which describes how the applicant will comply with Rule 62-701.730(7), F.A.C.;

(d) A closure plan which describes generally how the applicant will comply with Rules 62-701.730(9) and (10), F.A.C.;

(e) The financial assurance documentation required by Rule 62-701.730(11), F.A.C.; and

(f) Documentation that the applicant either owns the land or has legal authorization from the land owner to use the land for a disposal facility and to conduct long-term care.

(3) Certification. After completion of construction of a construction and demolition debris disposal facility, and before acceptance of any construction and demolition debris, the engineer of record shall certify to the Department on Form 62-701.900(2) that the permitted construction is complete and that it was done in accordance with the plans submitted to the Department except where minor deviation was necessary. All deviations shall be described in detail and the reasons therefore enumerated. The applicant shall provide at least 7 days advance notice to the Department prior to accepting construction and demolition debris so that the Department has the opportunity to inspect the site.

(4) Other requirements. Except as specified in this section, the requirements of Rules 62-701.330 through 62-701.630, F.A.C., do not apply to construction and demolition debris disposal facilities.

(a) The Department shall not require liners and leachate collection systems at individual facilities unless it demonstrates based upon the types of waste received, methods for controlling the types of waste disposed of, the proximity of ground water and surface water, and the results of the hydrogeological and geotechnical investigations that operation of the facility is reasonably expected to result in violations of ground water standards and criteria otherwise. If the Department determines that a liner and leachate control system may be required, it shall notify the applicant within 30 days of receipt of the information which forms the basis for such a

determination. The applicant may either submit additional information, redesign the facility to include a liner and leachate collection system, or demand that the Department process the application without such additional information or redesign.

(b) A ground water monitoring plan which meets the criteria set forth in Rule 62-701.510 and Chapter 62-522, F.A.C., shall be included with the permit application, and shall be implemented and maintained by the owner or operator, with the following exceptions:

1. If no disposal unit is constructed with a liner and leachate collection system, then leachate sampling is not required.

2. Unless a disposal unit is constructed or operated within 200 feet of a surface water body, or unless site-specific conditions could reasonably be expected to result in contaminants entering a surface water body, surface water sampling is not required. For purposes of this subparagraph, a surface water body does not include a body of water contained completely within the property boundaries of the disposal site that does not discharge from the site to surface waters.

3. The well spacing requirements of Rule 62-701.510(3)(d)3., F.A.C., do not apply. A minimum of one upgradient and two downgradient wells is required, as specified in Chapter 62-522, F.A.C.

4. Detection wells shall be sampled and analyzed at least semi-annually for the following parameters:

Field Parameters

pH
Turbidity
Temperature
Specific conductivity
Dissolved oxygen
Water elevations
Colors and sheens
(by observation)

Laboratory Parameters

Aluminum
Chlorides
Nitrate
Sulfate
Total dissolved solids
Iron
Sodium
Arsenic
Cadmium
Chromium
Lead
Mercury
Ammonia
Phenols

Those parameters listed in
EPA Methods 601 and 602

5. Background water quality shall be sampled and analyzed in accordance with the provisions of Rule 62-701.510(6)(a), F.A.C. In addition, all background and detection wells shall be sampled and analyzed at least once prior to permit renewal for those parameters listed in Rule 62-701.510(8)(a), F.A.C.

6. The owner or operator of the facility may request a permit modification from the appropriate District Office of the Department to delete specific laboratory parameters or field parameters from routine analyses of detection wells and surface water. The Department will grant a request for a permit

modification upon a demonstration that these parameters are not reasonably expected to be in or derived from the waste which was received or disposed of at the facility.

(c) Putrescible household waste shall not be disposed of at a construction and demolition debris disposal facility.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste for disposal or recycling. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

(6) Temporary storage. The owner or operator shall make arrangements or shall have equipment for temporary storage, handling and transport to an authorized disposal or recycling facility for solid waste, other than construction and demolition debris, which is inadvertently accepted by the facility. Such solid waste which is accepted by the facility shall be segregated and disposed of in accordance with Department rules. Unless an alternate schedule is included in an operation plan submitted with the permit application, which provides for the control of odors and vectors, putrescible waste shall not be stored for longer than 48 hours and non-putrescible waste shall not be stored for longer than 30 days. Any hazardous waste which is received by the facility shall be managed in accordance with the provisions of Chapter 62-730, F.A.C.

(7) Operation requirements. Owners and operators of construction and demolition debris disposal facilities shall comply with the following requirements by May 1, 1997, or at the time of permit issuance, whichever is sooner:

(a) An operation plan describing the facility operations and maintenance, emergency and contingency plans, and types of equipment that will be used shall be kept at the facility at all times and made available for inspection. All activities at the facility shall be performed in accordance with this plan and the permit conditions. The plan shall be updated as operations change but no less frequently than upon renewal of the permit. The Department shall be notified of changes to the plan other than those required for routine maintenance.

(b) Construction and demolition debris shall be compacted and sloped as necessary to assure that the requirements of subsection (9) of this section can be met. A schedule for compaction and grading shall be included in the operation plan.

(c) Access to the disposal facility shall be controlled during the active life of the facility by fencing or other effective barriers to prevent disposal of solid waste other than construction and demolition debris.

(d) At least one spotter shall be on duty at the working face to inspect the incoming waste at all times waste is being accepted at the site. Waste must be inspected after it is removed from the transport vehicle and prior to placement for final disposal. Any prohibited material shall be removed from the waste stream and placed into appropriate containers or secure

storage areas for disposal or recycling at a facility authorized by the Department to receive such waste.

(e) The facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C.)) 5012 1005

(f) Fuels, solvents, lubricants, and other maintenance materials shall be stored in secure areas separate from the disposal or sorting areas.

(8) Training. Owners and operators of facilities shall ensure that operators and spotters employed at the facility are properly trained to operate the facility, and to identify and properly manage any hazardous or prohibited materials which are received at the facility. A training plan shall be included as part of the permit application. The training plan shall either include a list and schedule of those classes offered to the public which will be attended by the facility's operators and spotters, or shall include a description of the facility's in-house training program and a demonstration that this program can be expected to adequately train operators and spotters to operate the facility and to identify and properly manage any hazardous or prohibited materials which are received at the facility. The training plan, along with records documenting how the training plan is being implemented, shall be kept at the facility at all times and be made available for inspection by Department staff. Owners and operators of facilities in operation prior to December 23, 1996, shall comply with this subsection by May 1, 1997, or at the time of permit issuance, whichever is sooner. Within one year of the date that the training plan is submitted to the Department, or within one year of the hiring of any particular operator, each operator shall complete at least 20 hours of training in a course described in the training plan. Within each three-year period after successfully completing the initial training course, each operator shall complete at least 15 hours of continuing training in a course described in the training plan. Spotters must meet the same training requirements as operators except that only 8 hours of initial training and 8 hours of continuing training are required. The Department will maintain a list of relevant training courses which are available in this State.

(9) Closure.

(a) At least 90 days prior to the date when wastes will no longer be accepted, the owner or operator of the construction and demolition debris disposal facility shall submit an updated closure plan to the Department to reflect any changes in the closure plan due to actual operational conditions at the facility.

(b) Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after it has reached its final grade. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall be capable of supporting vegetation, and shall be graded and compacted as necessary to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal units shall be no greater than three feet horizontal to one foot vertical rise. If the disposal unit is lined, the

closure design shall include a barrier layer or other measures to ensure that the design leachate head over the liner is not exceeded after closure.

(c) The owner or operator shall provide a certification of closure construction completion to the Department within 30 days after closing, covering, and seeding the disposal unit. The owner or operator shall also provide a final survey report done by a professional surveyor, in accordance with Rule 62-701.610(3), F.A.C., if disposal operations have raised the final elevations higher than 20 feet above the natural land surface.

(d) Upon receipt of the documents required in paragraph (c) of this subsection, the Department shall, within 30 days, acknowledge by letter that notice of termination of operations and closing of the facility has been received. The date of this letter shall be the official date of landfill closing for the purpose of determining the long-term care period, in accordance with Rule 62-701.610(6), F.A.C.

(10) Long-term care. The owner or operator of the construction and demolition debris disposal facility shall continue to monitor and maintain the facility for five years from the date of closing. This time period shall be extended if assessment monitoring or corrective action has been initiated in accordance with Rule 62-701.510(7), F.A.C., or if site-specific conditions make it likely that any contamination which may emanate from the disposal area would not be detected within five years.

(11) Financial assurance.

(a) The owner or operator of an off-site construction and demolition debris disposal facility shall provide the Department with proof of financial assurance issued in favor of the State of Florida in the amount of the closing and long-term care cost estimates for the facility. This proof, along with the closing and long-term care cost estimates, shall be submitted to the Department as part of the permit application for the facility. Proof of financial assurance shall consist of one or more of the following financial instruments which comply with the requirements of Rule 62-701.630(6), F.A.C.: trust fund; surety bond guaranteeing payment; surety bond guaranteeing performance; irrevocable letter of credit; insurance; and financial test and corporate guarantee. If the owner or operator of the facility is a local government, an escrow account which complies with the requirements of Rule 62-701.630(5), F.A.C., may be used to provide proof of financial assurance. Financial documents shall be submitted on Form 62-701.900(5)(a), (b), (c), (d), (e), (f), (g), or (h), as appropriate.

(b) Closure cost estimates and annual updates thereof shall comply with the provisions of Rules 62-701.630(3) and (4)(a) through (d), F.A.C., except that the cost of long-term care shall be based upon a five-year period, and the costs shall be based upon compliance with this section.

(c) If a local government requires financial assurance for closure, which is at least as stringent as that required by this rule, the Department will attempt to establish a cooperative

mechanism with the local government and thereby avoid duplicative financial requirements.

(12) Annual Reports. The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900(7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1998, and shall cover the preceding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730(1), F.A.C.

(13) Recycling.

(a) The owner or operator of a facility which accepts construction and demolition debris for disposal and which also recovers materials from the construction and demolition debris waste stream for purposes of recycling shall meet the requirements of this section as well as the requirements of Rule 62-701.700, F.A.C. If there is a conflict between this section and Rule 62-701.700, F.A.C., this section shall govern. It is not necessary for the owner or operator to apply for a separate permit as a materials recovery facility or to pay an additional fee.

(b) The owner or operator of a facility which recovers materials from the construction and demolition debris waste stream for purposes of recycling but which does not dispose of any wastes on-site shall apply for a permit on Form 62-701.900(6), and shall comply with the provisions of Rule 62-701.700, F.A.C., with the following exceptions and additions:

1. At least one spotter shall be on duty at all times that waste is received at the site to inspect the incoming waste. Any prohibited material shall be removed from the waste stream and placed into appropriate containers for disposal at a permitted facility in accordance with a schedule submitted as part of the operation plan.

2. The training requirements of subsection (8) of this section apply.

3. The financial assurance requirements of subsection (11) of this section apply, except for those provisions relating to long-term care.

4. The reporting requirements of subsection (12) of this section apply.

5. The requirements of paragraphs (7)(c) and (e) of this section apply. Access to the facility shall be controlled during the active life of the facility, and the facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C.

6. The requirements of Rules 62-701.700(2)(c) and (e), F.A.C., regarding a leachate control system and leachate containment do not apply if all areas which waste is stored and processed are covered by a ground water monitoring system which meets the requirements of paragraph (4)(b) of this section. Owners and operators of facilities which were permitted prior to

January 6, 1993, shall meet the requirements of Rules 62-701.700(2)(c) and (e), F.A.C., or shall meet the requirements of paragraph (4)(b) of this section, at the time of permit renewal.

(c) In order to reuse recovered fines or screened materials other than clean debris from the construction and demolition debris waste stream, an owner or operator shall demonstrate that this material will be managed and reused in a manner that will pose no significant threat to public health or the environment. In making this demonstration, the owner or operator may consider background levels of receiving soils, whether the material will be blended with other materials, and the likelihood that the material may have unlimited distribution or come into direct contact with the public. Examples of management practices which would not require analysis for health-based criteria include permanent encapsulation, use as initial or intermediate cover or subsurface construction at a permitted landfill, or use under at least two feet of clean cover material.

(14) Incineration. A facility which employs an air curtain incinerator and which also stores or disposes of construction and demolition debris at the site shall meet the permitting requirements of Rule 62-256.500, F.A.C., as well as this section.

(15) Clean debris. Clean debris may be used as fill material in any area, including waters of the State, subject to receipt of an environmental resource permit from the Department where applicable. Clean debris used as fill material is not solid waste, and such use does not require a solid waste permit under this rule.

(16) Landfill disposal. Construction and demolition debris may be disposed of in a permitted landfill. However, each county must maintain segregated disposal areas for construction and demolition debris. The cover requirements for a segregated construction and demolition debris disposal area within a permitted landfill shall be those in subsection (9) of this section. Landfills permitted in accordance with Rule 62-701.330, F.A.C., which have construction and demolition debris disposal units or recycling facilities included as part of their permit conditions, are not required to submit separate permit applications or financial assurance documents under this section.

(17) On-site disposal. Construction and demolition debris which is disposed of on the property where it is generated, or on property which is adjacent or contiguous to and under common ownership and control as that property where the waste is generated, is exempt from the permitting requirements of this section and Rule 62-701.330, F.A.C. However, such disposal is subject to the prohibitions of Rule 62-701.300, F.A.C. All waste shall be inspected by the generator or a spotter prior to disposal, either at the point of generation or at the disposal site, to ensure that any prohibited material is removed from the waste stream prior to disposal and managed in accordance with Department rules. Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after final receipt of waste. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall

be capable of supporting vegetation, and shall be graded and compacted as necessary to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal areas shall be no greater than three feet horizontal to one foot vertical rise.

(18) Disposal restrictions. Construction and demolition debris may be disposed of only in accordance with one of the methods authorized above. In addition, disposal areas shall be operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized.

(19) Asbestos waste disposal. Asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, shall not be disposed of in a construction and demolition debris disposal unit.

(20) Fees. The fee for a permit to construct, operate, and close a construction and demolition debris disposal facility, including facilities that also recycle, is \$2500. The fee for a permit to construct, operate, and close a construction and demolition debris recycling facility is \$2000. The fee for renewing a disposal or recycling facility permit which does not involve additional construction is \$1000. The fee for renewing a disposal or recycling facility permit involving only long-term care is \$250.

(21) Alternate procedures. The owner or operator of a facility may request alternate procedures and requirements in accordance with Rule 62-701.310, F.A.C. However, if such request is based upon the nature of the construction and demolition debris accepted at the facility (for example, if a facility accepts only segregated wastes which are expected to have a minimal environmental impact), the request will be submitted to and acted on by the appropriate District office of the Department, and need not be accompanied by any additional fee.

Specific Authority 403.0877, 403.704, 403.707, FS.
Law Implemented 403.0877, 403.706, 403.707, FS.
History New 8-2-89; Formerly 62-701.061; Amended 1-6-93, Formerly 62-701.730, amended 12-23-96, 4-23-97.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

February 20, 2002

NOTICE OF PERMIT

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

Dear Mr. Bennett:

Enclosed are Modification #134912-002 to Operation Permit Number **134912-001-SO**, issued pursuant to Section(s) 403.087(1), Florida Statutes.

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

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

The agreement to mediate must include the following:

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

"More Protection, Less Process"

Printed on recycled paper.

Sarasota County
Mr. Gary Bennett
Permit No.: 134912-001-SO

February 20, 2002
Page Two

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

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

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

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

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

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

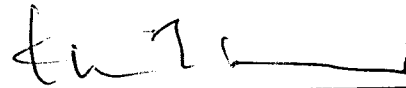
Sarasota County
Mr. Gary Bennett
Permit No.: 134912-001-SO

February 20, 2002
Page Three

When the Order (Permit or Permit Modification) is final, any party to the Department has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



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

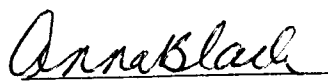
KBF/ab
Attachment

cc: Paul Wingler, P.E., Sarasota County
Robert Butera, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa (permit notebook)
Richard Tedder, P.E., FDEP Tallahassee
Douglas Beason, OGC Tallahassee

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on February 20, 2002 to the listed persons.

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




Clerk

02/20/2002
Date

WAPQUEST

maps

Road Trip?

CLICKING ON MAP WILL:  Zoom In Re-center  Move Location

ADDITIONAL MAP FEATURES:

All rights reserved. Use Subject to License/Copyright

Show Nearby Businesses!

Select a category from the list below. When the map updates, click an icon

WT
LAT $27^{\circ}11'58''$
LONG $82^{\circ}23'02''$

MRF
LAT $27^{\circ}11'54''$
LONG $82^{\circ}23'00''$

CLASS LF
LAT $27^{\circ}12'09''$
LONG $82^{\circ}23'15''$

Events Scheduled

29 of 90

Site # 0134912

Site Name SARASOTA CENTRAL CO. MRF

Permit # 0134912-002-SO

Type/Subtype SO / MM

Received 12/20/2001

Project # 002

Project Name CENTRAL CO. SW DISP. COMPLY MRF

> ISSUE PERMIT: Issued

Event	Begin Date	Period	Due Date	Rmn.	Status	End Date
Receive Request	12/20/2001	1	12/21/2001		Done	12/20/2001
Fee Verification	12/20/2001	2	12/22/2001		Sufficient Fee	12/28/2001
Completeness Review	12/20/2001	30	01/19/2002		Complete	12/20/2001
Determine Agency Action	12/20/2001	90	03/20/2002		Issue	02/20/2002
Issue Final Permit	02/20/2002	14	03/06/2002		Issued	02/20/2002
ISSUE PERMIT	02/20/2002	1	02/21/2002		Issued	02/20/2002
STOP CLOCK	02/20/2002	1	02/21/2002		Done	02/20/2002

dep - KEAL 420

File Edit Transfer Options Connection Macro Window Help

AREA: **SWD** Cash Receiving Application CRA#006A
 Collection Point Log Remittance Tot: \$250.00

SYS\$RENT: 455111 Type: CP Recvd Date: 20-DEC-2001 Status: RECEIVED
 SYS\$RCPT: 369693 PNR: Check #: 10983 Amount: 250.00
 SSN/FEIH: Name: MEYER & GABBERT EXCAVATING CON
 First: Middle: Title: Suf:
 Address1: 8001 FRUITVILLE ROAD Short Comments:
 Address2: MW- 134912-002 SW
 City: SARASOTA ST: FL Zip: 34240 Country:

> PAYMENT(S) <

Distr	CL	Object	Payment	Reference#	Applic/ Fund	S T A C
SYS\$PAYT	Area..	Code/Description.....	Amount.....			
485600	SWD	002245 SOLID WASTE-OPE	\$250.00		PA PFTF	CO

COMMIT FREQUENTLY \$250.00 Payment total
 Press <TAB> to accept Collection Point or enter F&A.

Oracle Developer Forms Runtime - Web

Permits Events Payment Site Facility Party Lot Help Exit Window

Permitting Application - Permit Detail and Log Permit

SITE Permit

Site Name: SARASOTA CENTRAL CO. MRF Site #: 0134912
 County: SARASOTA Comments: N RPAs: N # Cases: 0

Project

Permit #: Project #: 002 Received: 20-DEC-2001 CRA#: 110533
 Permit Office: SWD (DISTRICT) Agency Action: Pending
 Project Name: CENTRAL CO. SW DISP.COMPLX MRF Desc:
 Type/Sub/Des: SO / MM MINOR MODIFICATION COE #
 Logged: 27-DEC-2001 Issued: Expires: OGC
 Fee: 250.00 Fee Recd: 250.00 Date: Override: NONE

Related Party

Role: APPLICANT Begin: 27-DEC-2001 End:
 Name: WINGLER, PAUL Company: SARASOTA COUNTY
 Addr: 4000 KNIGHTS TRAIL RD.
 City: NOKOMIS State: FL Zip: 34275 Country: U.S.A.
 Phone: 9-11-286-2600 Fax:

Processors

Processor: FORD_K Y Active: 27-DEC-2001 Inactive: Events

Enter date application was received: DD-MON-YYYY
 Record: 2/2

1/10/97 11:00:33
Robert Butera TPA

Operational Plans for MRF's and Transfer Stations
See Below

Effective immediately in support of compliance inspections and an informed permittee, I request that all operational plans for Material Recovery Facilities and Transfer Stations be comprehensive and include all waste types (be specific - not CL III or C&D) which the facility is authorized to accept. I request that this information be summarized on the front page of the permit where we state what the facility is permitted as by adding the specific waste types the Department authorizes the permittee to accept. I also request that a specific condition in the permit address the waste types the Department authorizes the facility to accept. Thanks in advance for your cooperation on this procedure.

To: Susan Pelz TPA
To: Kim Ford TPA
CC: Steve Morgan TPA
CC: Allison Amram TPA
CC: Danielle Nichols TPA
CC: Haylee LaTorre TPA

1/10/97 12:00 J
Robert Butera TPA
FWD: Review of Transfer Station and MRF Applications
See Below

I am forwarding this memo only as a reminder requesting a narrative summarizing and addressing the various components of the leachate collection system with all future referenced permit applications (next to last paragraph). Thanks for your cooperation.

To: Kim Ford TPA
To: Allison Amram TPA
To: Steve Morgan TPA
To: Susan Pelz TPA
To: Danielle Nichols TPA
To: Haylee LaTorre TPA

11/10/97 RD
Date: 10/18/96 02:23:06 PM
From: Robert Butera TPA
Subject: Review of Transfer Station and MRF Applications
To: See Below

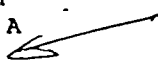
Commencing this date the following shall be complied with relating to review of referenced applications. The applicant shall submit, at a minimum, the following for a leachate collection system and leachate collection tank.

(1) specific details and a cross section of the leachate trench or catch basin/sump which shall include the depth, height and length (for trenches), details and/or vendor cuts for grates (which shall satisfy DOT requirements for heavy equipment).

(2) existing or proposed floor elevations to assure the Department that leachate will be directed to the proposed drainage structures. The as-builts shall include the actual floor elevations.

(3) use of permanent containment berms surrounding the periphery of the building if leachate could potentially discharge outside the building.

(4) leachate tank details to include tank construction material, coatings, and size. The applicant should include an estimate of volume for liquids that may be discharged per vehicle collected during storm events as well as the number of vehicles received per day. The operational plan should estimate the frequency of removal of liquids from the tank. The applicant must clearly be aware of the frequency of removal based on the tank size.

This is a minimal list of adequate information to evaluate an application and focuses on resolution of problematic areas to date. A narrative summarizing and addressing each of the above shall be included with each permit application submitted for my review and signature. 

In addition I am requesting that either Danielle or Steve accompany the engineer on the inspection prior to approval of certification of construction completion for a newly permitted facility or a facility which modifies any portion of their leachate collection system or leachate tank. Please schedule your inspections to assure the C/E person will be available. Thanks for your cooperation.

To: Kim Ford TPA
To: Susan Pelz TPA
To: Danielle Nichols TPA
CC: Steve Morgan TPA
CC: Allison Amram TPA
CC: William Kutash TPA

Date: 8/20/96 04:13:12
From: Chris McGuire TAL
Subject: RE: TANK DESIGN CRITERIA FOR MRF AND TS
To: Kim Ford TPA
CC: Richard Tedder TAL
CC: Robert Butera TPA
CC: Susan Pelz TPA

In my opinion, 62-701.400(6)(c) and (d) apply to MRFs and TSs. Although the title of 62-701.400 references only landfills, .400(6)(c) and (d) specifically apply to tanks "located at solid waste management facilities." Compare this with .400(6)(b), which refers to impoundments "located at landfills." These rules were written at the same time by the same people, so there must be a reason for the difference. And there is - the tank requirements were meant to apply more universally.

Date: 8/7/96 06:51:49
From: Robert Butera TPA
Subject: Waste Quantity, Leachate Quantity Reports and annual Fire Surveys
To: Kim Ford TPA
To: Allison Amram TPA
To: Steve Morgan TPA
To: Susan Pelz TPA
To: Danielle Nichols TPA

Effective immediately all waste quantity reports for Class I and Class III landfills will be required to be generated quarterly but held at the facility and made available to the Department as requested. Waste Tire permits and Material Recovery Facility permits will continue to identify the submittal dates for the waste quantity reports in Attachment I summary and will be required to be submitted quarterly. Leachate quantity reports shall be compiled in accordance with the permit, and submitted to the Department as requested. All future permits shall not include these reports on the summary of submittal items and dates noted on Attachment 1 of the permits except as noted for waste tire and material recovery facility permits.

Fire Surveys shall be required and documented annually and noted accordingly in the specific conditions of the permit. They will not be required to be submitted to the Department except upon request, therefore do not include the requirement for submittal on Attachment 1 summaries attached to the permits. The facility will be required to have this documentation available upon inspection of the facility.

The purpose of these procedures is to minimize our tracking efforts in COMET, eliminate some submittals that have not been effectively used to date, and maximize filing space.

Danielle Nichols will be responsible for coordinating with the secretaries notification to the facilities that waste quantity reports and fire surveys will be required to be retained at the site but not required to be submitted to the Department.

(3) Any such demonstrations shall be submitted to the Department no later than July 9, 1996.
Specific Authority: 403.704, F.S.
Law Implemented: 403.704, 403.707, F.S.
History: New 1-2-94, Amended 5-19-94, Formerly 62-701.640.

62-701.700 Materials Recovery Facilities.

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;
2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and
3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of

any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority: 403.061, 403.704, F.S.

Law Implemented: 403.702, 403.704, 403.707, F.S.

History: New 1-6-93. Amended 5-19-94, Formerly 62-701.700.

62-701.720 Industrial Solid Waste Disposal

(1) Applicability. After January 6, 1995 except as provided below, and subject to the provisions of Rule 62-701.220, F.A.C., solid waste disposal units which accept primarily industrial wastes other than construction and demolition debris, clean debris, or those materials specified as acceptable in Class III landfills in Rule 62-701.340(3)(d), F.A.C., shall meet the following requirements:

(a) Solid waste disposal units constructed after January 6, 1995 or for which an application for a permit or site certification was not received and deemed complete by the Department before January 6, 1995 shall meet the same requirements of this chapter as apply to Class I landfills. This requirement also applies to lateral expansions of solid waste disposal units.

(b) All other solid waste disposal units which receive waste after January 6, 1995 shall comply with the same operational and closure requirements of Rules 62-701.500, 62-701.510, 62-701.600, 62-701.610, 62-701.620, and 62-701.630, F.A.C., as apply to Class I landfills.

(2) Alternate requirements for specific facilities. The owner or operator of an industrial waste disposal facility may request approval of alternate procedures and requirements in accordance with Rule 62-701.310, F.A.C.

(3) Alternate requirements for types of industrial operations. A person or organization representing a specific type of industrial operation may request general approval for all such industrial operations. Such request for a specific type of industrial operation shall be submitted by July 6, 1994 and shall be accompanied by an analysis of the waste stream and operational procedures intended to demonstrate that the standards for Class I landfills are inappropriate for that waste stream. This deadline shall be tolled during the time that any required, complete Quality Assurance Plan is being reviewed and acted on by the Department. The Department shall offer assistance to the waste generators in determining what types of

Memorandum

Florida Department of
Environmental Protection

PERMIT COVER MEMO

TO: X DEBORAH GETZOFF, Director of District Management

FROM/THROUGH:

William Kutash, ENVIRONMENTAL ADMINISTRATOR
Bob Butera, SUPERVISOR
Kim Ford, ENGINEER

DATE: 2/18/02

FILE NAME: CCSWDC Materials
Recovery Facility
PROGRAM: Solid Waste

MODIFICATION #: 134912-002
PERMIT #: 134912-001-SO
COUNTY: Sarasota

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

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

PERMIT SUMMARY: This permit modification is to allow operation of a new truck loading area and facility expansion.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The request for a modification was received on December 20, 2001. No deficiency letter was sent. The facility was inspected on January 17 and February 15, 2002, with no notable concerns.

This application was deemed complete on December 20, 2001.

Department Processing Time = 56 days (as of February 15, 2002)
Total Processing Time (TIH) = 56 days (as of February 15, 2002)

Day 90/30 for this Action is March 20, 2002.





308

Solid Waste Permit
QA/QC Construction Inspection Form

Facility: CCSWDC MRF

Inspecting Engineer: Jim Fenn

Date Inspected: 2/15/02

Inspection Type:	Permitting	Construction
	<input checked="" type="checkbox"/>	QA/QC <input type="checkbox"/>

Facility Type: MRF

MRF Looks Good
no apparent problems

Fill out the above documenting all inspections of facilities for permitting and/or construction QA/QC purposes. Please place in my basket within 3 days of inspections.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

Mr. Paul Wingler, P.E.
Sarasota County Solid Waste Department
4000 Knights Trail Road
Nokomis, Fl. 34275

January 30, 2002

RE: Sarasota Central County Solid Waste Complex
Financial Assurance Cost Estimates
Permit Nos.: SO58-299180, Class I Landfill
134912-001-SO, MRF
WT58-301584, Waste Tire Processing Facility

Dear Mr. Wingler:

This letter is to acknowledge receipt of the cost estimates revised November 9, 2001 (received November 13, 2001) and revised pages 3 and 6 of 11 received January 18, 2002 for closing and long-term care of the Sarasota County Central County Landfill and related facilities. The cost estimates received November 12, 2001 and January 18, 2002 (total closing \$40,868,812.88 and \$558,440.69 x 30 years = \$16,753,220.81 total long-term care), are **APPROVED for 2001**. Please be reminded that the next annual cost adjustment statement (revised estimates) is due no later than September 1, 2002.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630, F.A.C. If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp
cc:

Gary Bennett, Sarasota County Solid Waste Operations Manager, 4000 Knights Trail Road,
Nokomis, Fl. 34275
Fred Wick, FDEP, Tallahassee, w/attachment
Robert Butera, P.E., FDEP Tampa
Kim Ford, P.E., FDEP Tampa

"More Protection, Less Process"

Printed on recycled paper.

SOUTHWEST DISTRICT
FDEP

Solid Waste Program
Permitting Application

New Site

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

Existing Site

Site ID:	134912 - 002		
Project Name:	CCSWDC MRF		
Type/Subcode:	SD/MM		
Fee Submitted:	256	<input checked="" type="checkbox"/> correct	() incorrect
Fee Refund \$	/	Fee Request \$	/

Related Party

Role:	APPLICANT
Name:	PAUL WINGLER
Company:	SARASOTA COUNTY
Street:	4000 KNIGHTS TRAIL ROAD
City:	NOKOMIS
Zip Code:	34275
Phone:	(941) 4862600

Distribution Date: _____

Fee Checked By: K FORD

Date: 12/24/01



SARASOTA COUNTY

"Dedicated to Quality Service"

December 18, 2001

Kim B. Ford, P.E. I
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D.E.P.
DEC 20 2001
Southwest District Tampa

Re: Central County Solid Waste Disposal Complex
Material Recovery Facility - Improvements - Permit No. 134912-001-SO

Dear Mr. Ford:

This letter is in response to the previous correspondence originating with my letter of January 4, 2001, and specifically your letter June 23, 2001. I believe you will find this submission complete and in response to our conversation.

1. A \$250 minor modification-processing fee is enclosed
2. Two prints of the Site Plans, No. 1 of 3 are enclosed for your approval and insertion into your file plans.
3. As discussed, the previously submitted Drainage Calculations are satisfactory and are in your files.
4. Three revised Operation and Maintenance (O & M) plan pages are enclosed for insertion into your file copy.

The site plan has been modified, and contains the pertinent dates affecting the proposed loading ramp. The respective changes are flagged in the revision box and the new work is noted both on the plan and section. Revision number seven represents a lengthening of the ramp to accommodate access slope and existing grades.

The three revised O&M pages, includes pages No. 1, No. 2, and No. 3. The pages are highlighted and carry the revision date of 12/7/01 and depict the current operation, since the grinder was replaced with a screen.

Please call me should you require additional data for your review.

Sincerely,

Paul A. Wingler, P.E.
Project Manager

c: Gerald L. Bennett, Solid Waste Operations Manager
Jim Gabbert, Meyer and Gabbert Excavating Contractors, Inc.
Robert J. Butera, P.E. III, FDEP - Tampa

\\CCSWDF\VOL1\USER\shared\projects\Central County Solid Waste Disposal Complex\Materials Recovery Facility\c & d mrf application\Kim Ford - MRF - Improvements 12-12-01.doc



SARASOTA COUNTY

"Dedicated to Quality Service"

December 18, 2001

Kim B. Ford, P.E. I
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D.E.P.
DEC 20 2001
Southwest District Tampa

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Project Manager

c: Gerald L. Bennett, Solid Waste Operations Manager
Jim Gabbert, Meyer and Gabbert Excavating Contractors, Inc.
Robert J. Butera, P.E. III, FDEP - Tampa

\\CCSWDF\VOL1\USER\shared\projects\Central County Solid Waste Disposal Complex\Materials Recovery Facility\c & d mrf application\Kim Ford - MRF - Improvements 12-12-01.doc

1.0 Process Flow Narrative

Customers arriving at the CCSWDC hauling construction and demolition debris and some Class III waste materials such as carpet, carpet padding and furniture enter the scales, pay the appropriate charge, receive a scalehouse ticket and are directed to the materials recovery facility.

Customers arriving at the materials recovery facility present the scalehouse ticket to the attendant. The customer is questioned regarding the load contents. The attendant notifies the spotter of an incoming load by radio. The on-site manager or a spotter is notified if a load is suspected of containing unacceptable materials. The materials flow schematic is shown on Figure 1. The process and leachate flow schematic is shown on Figure 2. The storage area capacities are shown in Table 1.

1.1 Concrete

Customers with loads of clean concrete are directed to the clean concrete processing, storage and loading area. Clean concrete is defined as only uncontaminated concrete and diminimus amounts of soil. The load is dumped in the unloading area. The customer then exits the facility. Once an adequate volume of material has been stockpiled, the clean concrete is processed using a densifier. The densified concrete is then stockpiled for delivery to market. As shown on the site plan, the clean concrete processing and storage area is 150 feet long and 50 feet wide. The amount of clean concrete stockpiled prior to delivery to market will vary.

1.2 Wood

Customers with loads of clean wood are directed to the clean wood unloading and processing area. Clean wood is defined as only untreated and unpainted wood and diminimus amounts of soil. The load is dumped in the unloading area. The customer then exits the facility. Once an adequate volume of material has been stockpiled, the clean wood is processed using a grinder to produce mulch. The mulch is then stockpiled for delivery to market. As shown on the site plan, this area is 100 feet long and 120 feet wide. The amount of mulch stockpiled prior to delivery to market will vary.

1.3 Mixed Loads

Customers with mixed loads proceed to the tipping area identified on Figure 2 and the site plan under the direction of the spotter. The load is dumped into the tipping area for sorting. Unacceptable materials may be reloaded and the customer directed to other on-site facilities. The customer then exits the facility.

The material is then sorted and segregated for processing. Selected Class III materials are removed from the site for recycling or disposal at an approved site.

Remaining C & D material will be temporarily stockpiled within the leachate control pad area prior to the screening operation. When an adequate amount of material has been stockpiled, the material will be loaded onto the screen. The minus 2" material screenings

will be transported to the landfill face for use as daily cover. The screen rejects will be loaded into transport trucks within the leachate control pad area and shipped to an approved C & D landfill.

Shingles are sorted and temporary stored subject to market demand. Generally they are shipped off site for disposal along with other Class III materials.

1.4 Non-Class III Waste Materials

Non-Class III waste materials are also manually removed. Non-Class III waste materials are loaded into roll-off containers located on the leachate containment area. These materials are then transported to the Class I landfill for disposal. Temporary storage of non-recyclable materials is performed in accordance with Rule 62-701.730(6), FAC. Specifically, putrescible waste will not be stored for more than one week and nonputrescible waste will not be stored for longer than 30 days.

1.5 Recyclables

Recyclables removed during the sorting step will be stockpiled as shown on Figure 2 and the site plan. These recyclable materials are clean cardboard and clean metals. Clean is defined as cardboard or metal that may contain diminimus amounts of waste included inadvertently. The processing areas are under cover and the storage is in roll-off containers or covered. A roll-off container for metals will be located as shown to transfer metals removed during sorting to the processing and storage area. All recyclables other than those designated on Figure 2, such as carpet padding, will remain on the leachate containment pad until transported to market.

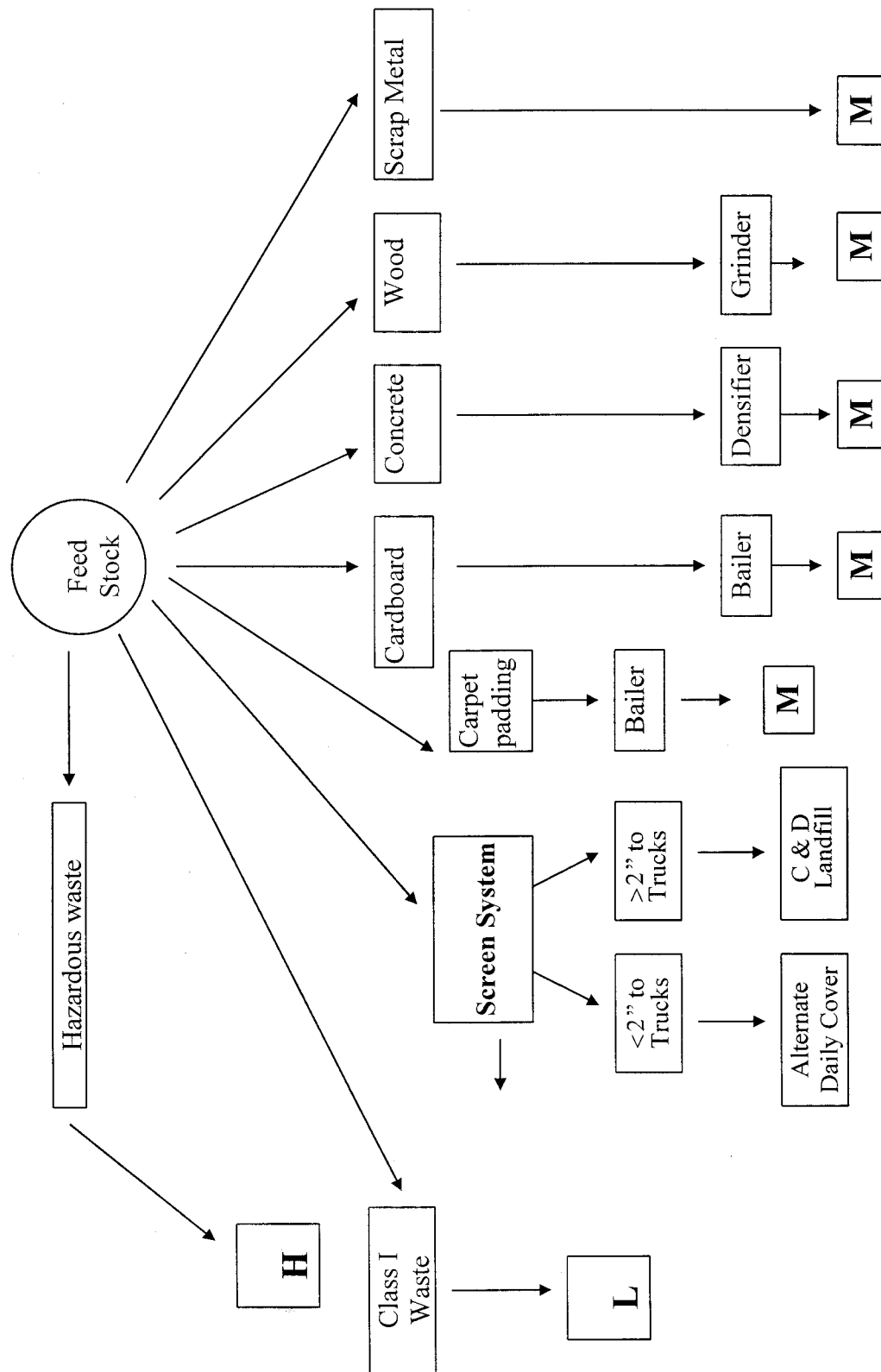
Recyclable materials will be transported via truck for market delivery. Material transported off-site is weighed at the scales enroute to market.

If in the future it becomes feasible to recycle other materials, the Department's approval will be requested. Recycling activities will not begin until Department approval is granted.

1.6 Hazardous Wastes

If unacceptable materials are encountered involving hazardous wastes (e.g. car batteries, thermostats, paint, etc.) the hazardous waste contingency plan in Section 6.0 will be implemented. An OSHA approved storage cabinet will be used for temporary storage of hazardous wastes found. The cabinet is a Justrite Mfg. Co. safety storage cabinet and is lockable. It is approved for acids and corrosives. This cabinet has a 45 gallon spill containment capacity. It is five feet tall, five feet wide and two feet deep. It is labeled for acids and corrosives. This cabinet is located as shown on sheet one the drawings.

Figure 1. Construction & Demolition Debris Materials Flow Schematic





SARASOTA COUNTY

"Dedicated to Quality Service"

RECEIVED

OCT 29 2001

Department of Environmental Protection
SOUTHWEST DISTRICT

BY _____

October 25, 2001

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: MRF Operator Training - Revision

Dear Mr. Ford:

As per our telephone conversation on this date, Sarasota County would send two employees to the initial MRF Operator Training Course referenced in the letter dated October 12, 2001 from Robert Butera. The two participants would probably be Marvin Rhoades and Dan McAllister. I would also be interested in attending a class at a later date and possibly one more employee from our office. Marvin and Dan do most of the inspecting of the MRF facility on behalf of the County and therefore would be the first to attend.

Meyer & Gabbert Excavating Contractors, Inc., is under contract to operate the construction and demolition debris MRF located at the Central County Landfill. Meyer & Gabbert will be responsible for obtaining the appropriate training required by rule for operation of the MRF facility.

Should you have questions, please contact me directly.

Sincerely,

Gerald L. Bennett

Solid Waste Operations Manager

c: Robert J. Butera, P.E., FDEP – Tampa
James Gabbert, Meyer & Gabbert Excavating Contractors, Inc.
Dan McAllister, Solid Waste Operations
Marvin Rhoades, Solid Waste Operations



SARASOTA COUNTY

"Dedicated to Quality Service"

RECEIVED

OCT 22 2001

Department of Environmental Protection
SOUTHWEST DISTRICT

BY _____

October 19, 2001

Robert J. Butera, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: Training Inquiry

Dear Mr. Butera:

Please consider this letter as a response to your inquiry letter dated October 12, 2001. I have attached certificates and proof of training for both Onyx Waste Services of Florida, Inc. and County employees. In addition, Onyx indicated to me that they have enrolled two more employees in the spotter-training course in Tampa on November 1, 2001. Those two employees are Chad Thomas and Delroy Crawford.

The current certifications for our staff and the contractor are as follows:

County Employees:

Gerald Bennett	Landfill Operator
Terry Foxworthy	Landfill Operator
Daniel McAllister	Landfill Operator
Marvin Rhoades	Landfill Operator
Don Shaulis	Landfill Operator
Paul Wingler	Landfill Operator

Onyx Employees:

Lawrence Alexander	Landfill Operator
Tim Dumas	Spotter
Roger Harden	Landfill Operator
Jason Stevenson	Landfill Operator

Should you have questions, please contact me directly.

Sincerely,

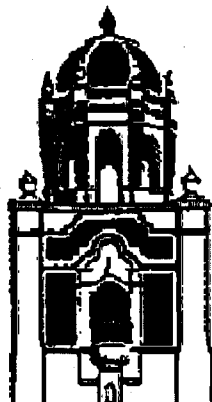
Gerald L. Bennett
Solid Waste Operations Manager

Attachments

c: Larry Alexander, Onyx Waste Services of Florida, Inc.
Kim Ford, P.E., FDEP - Tampa
Anita Largent, General Manager, Solid Waste

\\CCSWDFVOLI\\USER\\shared\\projects\\Central County Solid Waste Disposal Complex\\FDEP\\FDEP - Robert Butera - October 19, 2001.doc

ENVIRONMENTAL SERVICES, Solid Waste Operations • 4000 Knights Trail Road, Nokomis, FL 34275
Tel 941-486-2600 • Fax 941-486-2620



Fax

Sarasota County Government
Environmental Services Business Center
Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Florida 34275
Phone: 941.486.2600
Fax: 941.486.2620

To: Kim Ford

From: Gary Bennett

Fax:

Pages: 1 of 2

Phone:

813 744-6125

Date: 10-25-01

Re: MRF Training - Revision

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

● Comments:

Kim,

Please replace the two letters faxed today (to FDEP) dated October 25th with this letter. One letter was addressed to Robert Butera titled "Training Inquiry" and the second letter was addressed to you titled "MRF Operator Training". My apologies for not covering the subject matter requested. A hard copy of this letter will be mailed tomorrow with a copy sent to Meyer & Gabbert.

Should you have questions please contact me.

Thanks

Gary



SARASOTA COUNTY

"Dedicated to Quality Service"

October 25, 2001

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: MRF Operator Training - Revision

Dear Mr. Ford:

As per our telephone conversation on this date, Sarasota County would send two employees to the initial MRF Operator Training Course referenced in the letter dated October 12, 2001 from Robert Butera. The two participants would probably be Marvin Rhoades and Dan McAllister. I would also be interested in attending a class at a later date and possibly one more employee from our office. Marvin and Dan do most of the inspecting of the MRF facility on behalf of the County and therefore would be the first to attend.

Meyer & Gabbert Excavating Contractors, Inc., is under contract to operate the construction and demolition debris MRF located at the Central County Landfill. Meyer & Gabbert will be responsible for obtaining the appropriate training required by rule for operation of the MRF facility.

Should you have questions, please contact me directly.

Sincerely,

James I. Butts

Gerald L. Bennett

Solid Waste Operations Manager

c: Robert J. Butera, P.E., FDEP – Tampa
James Gabbert, Meyer & Gabbert Excavating Contractors, Inc.
Dan McAllister, Solid Waste Operations
Marvin Rhoades, Solid Waste Operations



Department of Environmental Protection

Jeb Bush
Governor

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

October 12, 2001

Mr. Gary Bennett,
Sarasota County
4000 Knights Trail Road
Nokomis, FL 34275

Re: Training for Operators and Spotters
Sarasota Central (CCSWDC) MRF

Dear Mr. Bennett:

The Department's solid waste regulations were amended on May 27, 2001 to include training requirements for operators and spotters at waste processing facilities including materials recovery facilities and transfer stations (Florida Administrative Code Rule 62-701.710). This rule and 62-701.320(15) requires each facility to have trained operators and spotters by July 1, 2001, however the Department does not expect all facilities to fully comply until December 1, 2001. Please refer to the attached memorandum dated September 13, 2001 for further clarification. Attached you will also find registration information for courses offered in October to meet some of these new training requirements.

Course #020516 – 16-Hour Initial Training Course for Transfer Station Operators, October 31 – November 1, 2001 in Tampa – Fee: \$325 (*this course is for transfer station operators only*)

Course #020515 – Spotting at Construction and Demolition Sites, Landfills and Transfer Stations, November 1, 2001 in Tampa – Fee \$250 (*this course is for materials recovery facility spotters also*)

Course #(unknown) – 16-Hour Initial Training Course for Materials Recovery Facility Operators, in Tampa – Date and Fee are unknown at this time.

Completion of these courses may be the most convenient and timely way to fulfill the initial requirements for 16 hours of training for operators and 8 hours of training for spotters. The Department will initiate enforcement if your facility fails to comply with these requirements.

By October 25, 2001, you are requested to provide a list of the following:

- (1) individuals currently trained and copies of their attendance certificates, and
- (2) individuals to be trained and which courses they will attend.

The Department suggests that each facility have more than one trained operator and spotter.

Your continued cooperation is appreciated. If you have any questions, please call Kim Ford at (813) 744-6100, extension 382.

Sincerely,

Robert J. Butera, P.E.
Solid Waste Manager
Divisions of Waste Management

KBF/ab

Attachments

cc: Kim Ford, P.E., FDEP Tampa
Susan Pelz, P.E., FDEP Tampa

"More Protection, Less Process"

Printed on recycled paper.

Florida Department of
Environmental Protection

Memorandum

TO: District Waste Program Administrators
District Solid Waste Engineers

FROM: Richard B. Tedder, Administrator
Solid Waste Section

Chris McGuire, Senior Assistant General Counsel
Office of General Counsel

DATE: September 13, 2001

SUBJECT: Operator and Spotter Training Requirements

On May 27, 2001, Chapter 62-701 was substantially amended. One of those changes was the creation of Rule 62-701.320(15), F.A.C., which essentially consolidated and updated the training requirements for operators and spotters of solid waste management facilities. Since then, some questions have arisen regarding the spotter requirements.

Rule 62-701.320(15)(d) specifies that the training requirements for operators and spotters at waste processing facilities, and the training requirements for spotters at land clearing debris disposal facilities, shall be effective on July 1, 2001. These types of facilities had not previously required trained operators or spotters, and the Department intended to give them about six months to come into compliance. However, the July 1 date was chosen when we expected the rule to become effective in December; when adoption was delayed by a few months, we simply forgot to change this compliance date. Therefore, it will be our practice that the training requirements for operators and spotters at waste processing facilities, and the training requirements for spotters at land clearing debris disposal facilities, will be enforced only after December 1, 2001.

Other questions have arisen regarding interim operators and interim spotters. First, the definitions of "interim" operators and spotters in Rules 62-701.320(15)(g) and (i) include requirements to show competency "through a combination of work experience, education and training." This phrase should not be interpreted to mean that the interim operator or spotter must have received formal, Department-approved training, but simply that the person has received sufficient training, either on-the-job or in some other manner, to perform his or her duties while under the supervision of a trained operator or spotter.

Secondly, these same rules provide that interim operators may perform the duties of an operator only under the supervision of a trained operator, and that interim spotters may perform the duties of a spotter only under the supervision of a trained operator or trained spotter. This means that the interim operator must be under the direct supervision of a trained operator who is actually acting as an operator at the facility, and the interim spotter must be under the direct supervision of a trained operator or spotter who is actually acting as a spotter at the facility. The fact that a facility's administrative setup may show that the interim employee is under the supervision of a

trained operator is not sufficient; if it were, no spotter would ever need to be trained since all facilities could have a trained operator acting as a supervisor. Categories for interim operators and spotters were created as a way of allowing new employees to receive on-the-job training under the watchful eyes of trained personnel, not as a way to avoid the expense and inconvenience of training programs.

Caveat

This guidance memorandum does not constitute policy or rule of the Department. It is intended solely as internal guidance to District permit review staff, and is not intended to create additional requirements for the regulated community or to affect the rights of substantially affected parties to any agency decision. Please do not cite any part of this memorandum as though it were a standard, rule, or requirement.

SWANA - Florida Chapter

Fall Training Symposia - Tampa, FL

Landfill Gas and Leachate Systems

October 31, 2001 • Fee: \$250

8:00 a.m. - 5:00 p.m.

This eight-hour course teaches you how to comply with the local, state and federal regulations governing landfill gas and leachate systems. During course presentations and demonstrations, you learn up-to-date technologies on the control processes and designs of the systems. Topics include: Biological Decomposition of Waste, Characteristics of Landfill Gas and Leachate, Migration and Monitoring of Landfill Gas Design Considerations and Treatment Options. Contact hours: 8, SWANA CEUs: 5. Instructors provided by SCS Engineers.

Spotting at Construction and Demolition Sites, Landfills and Transfer Stations

November 1, 2001 • Fee: \$250

8:00 a.m. - 5:00 p.m.

This one-day initial training course for spotters provides an overview of spotter operations at landfills, construction and demolition sites, and transfer stations. Topics include: Spotter Responsibility, Communication, Traffic Management, State Regulations, Compliance Inspections, Forms, Random Load Inspections, Classes of Landfills, Prohibited Waste Material, Hazardous Waste Material, C&D Debris Facilities, Personal Safety, Personal Hygiene, and Landfill Fires. Contact hours: 8, SWANA CEUs: 5. Instructors provided by JEA, Inc.

16-Hour Initial Training Course for Transfer Station Operators

October 31 - November 1, 2001 • Fee: \$325

7:30 a.m. - 5:30 p.m.

This two-day course is approved as an initial training course for transfer station operators. The course includes an exam, which attendees must achieve 70% proficiency. Topics include: Brief History of Solid Waste Management in U.S., Regulatory Aspects of Transfer Station Operation, The Modern Transfer Station, Siting, Leachate and Storm Water, Ventilation and Odor Control, Waste Control, Operating Guidelines, Employee Health and Safety, Contingency Planning, Financial Responsibility, Monitoring Site Development and Efficiency, Transfer Station Closure. Instructor: Chris Kohl, Kohl Training, Inc. Contact hours: 16

Manager of Landfill Operations (MOLO) Exam

October 30, 2001 Fee: \$125 member, \$250 non-member
1:00 p.m. - 4:00 p.m.

For individuals interested in seeking the voluntary certification as a Manager of Landfill Operations with the Solid Waste Association of North America (SWANA), you are now allowed to take the exam without taking the course if you have certain landfill operations experience and meet the minimum qualifications. Certification application and qualifications available on-line at www.swana.org or contact Dawn Jenkins at 352.392.9570 ext 127. Registration Deadline: October 22, 2001.

Location and Accommodations

Hilton Garden Inn Tampa-North, 600 Tampa Oaks Blvd [I-75 and Fletcher Ave, exit #55], Temple Terrace, FL 33637, 813.342.5000, \$85 single or double. To receive this rate, make your reservation prior to October 16, 2001 and mention you are a participant of the SWANA Fall Training Symposia.

Information: 352.392.9570 or visit www.treeo.ufl.edu

Course: Dawn Jenkins, ext 127 or djenkin@treeo.doce.ufl.edu

Registration: Janet Touchton, ext 112 or jtoucht@treeo.doce.ufl.edu

Note: All training is approved for continuing education contact hours. Participants must be in attendance for the entire course to receive Florida approved contact hours or CEUs and a certificate of attendance. Participants are on their own for lunch.

Fax completed registration form to 352/392-6910 or register on-line at www.treeo.ufl.edu

REGISTRATION FORM

Please register me for:

- [] Manager of Landfill Operations (MOLO) EXAM • October 30, 2001 • #020177 • \$125 member or \$250 non-member
[] 16-Hour Initial Training Course for Transfer Station Operators • October 31 - November 1, 2001 • #020516 • \$325
[] Landfill Gas and Leachate Systems • October 31, 2001 • #020369 • \$250
[] Spotting at Construction & Demolition Sites, Landfills and Transfer Stations • November 1, 2001 • #020515 • \$250

NAME: _____

SSN*: _____

POSITION: _____

COMPANY: _____

MAILING ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

BUSINESS PHONE: _____

Fax: _____

E-MAIL: _____

* Social Security Number needed for registration

The University of Florida TREEO Center is handling registration for this training. A completed registration form and payment are needed to process your registration. Make payment in U.S. currency to UNIVERSITY OF FLORIDA. Mail registration form and payment to:
UNIVERSITY OF FLORIDA, TREEO CENTER
3900 SW 63RD BLVD. GAINESVILLE, FL 32608-3848
Register one person per form. Photocopy if more forms are needed.

FEE (Check appropriate boxes):

- ☐ Check Enclosed in the amount of \$ _____
☐ Please charge ☐ VISA ☐ Mastercard

Card #: _____

Expiration Date: _____

Please print name exactly as it appears on the card:

Bob

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 10/9/01 Subject SARASOTA CEM MRF
Time 8:20 Permit No. _____
County SARASOTA
M PAUL WINKLER Telephone No. 941 4862600
Representing SARASOTA County
☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting
Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

I ASKED PW TO SEND IN ALL
AS DAT PACKAGE, OR IF
SOMETHING PREVIOUSLY SUBMITTED TO
SPECIFICALLY REFERENCE THE DATE AND
DESCRIBE WHAT WAS SENT
PW SAID HE WILL DRAW A SUBBIN
AROUND PROPOSED CHANGES
I ASKED PW TO USE THE
REVISION BOX ON THE PLANS
WITH A DATE & DESCRIPTION

(continue on another
sheet, if necessary)

Signature *[Signature]*

Title _____

301. FL

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 10/5/01
Time 2 p

Subject MRF MOD-SAR C&E

Permit No. _____

County SARASOTA

Telephone No. _____

M Paul Winkler

Representing _____

Sarasota County

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

Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

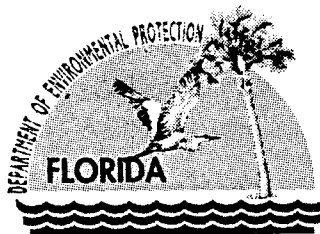
I called and left a message
that:

1. The \$250 fee was noted, and
2. To send in all responses
to my Jan 23, 2001 letter
together for review

(continue on another
sheet, if necessary)

Signature [Signature]

Title _____



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

January 23, 2001

Mr. Paul Wingler, P.E.
Solid Waste Operations
Sarasota County
4000 Knights Trail Road
Nokomis, FL 34275

Re: Central County MRF - Improvements
Permit #134912-001-SO, Sarasota County

Dear Mr. Wingler:

The Department has no objection to the concept of the loading pit as described in your January 4, 2001 letter and attached drawing, however a permit modification is required prior to construction according to FAC Rule 62-4.050(4)(q)5. Please provide:

1. A request for a minor modification of the current permit and \$250 processing fee;
2. Construction plans and specifications, with details and elevations for each new pipe connection;
3. Roof details over loading pit or calculations to verify adequate capacity of existing collection, storage, and treatment systems; and
4. Revisions to the Operations and Maintenance Manual (replacement pages) to describe all activities upon completion of improvements.

If you have any questions please call me at (813) 744-6100, extensions 382.

Sincerely,

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

KBF/ab

cc: Gary Bennett, Sarasota County
Robert Butera, P.E., FDEP Tampa
"More Protection, Less Process"



SARASOTA COUNTY
"Dedicated to Quality Service"

D.E.P.
SEP 17 2001
Southwest District Tampa

*What are they
modifying?*

September 7, 2001

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

Subject: Central County MRF - Improvements
Permit #134912-001-SO, Sarasota County

Dear Mr. Ford:

This transmittal letter is in response to your request for additional information as requested by your letter of January 23, 2001.

I believe that Item #2, #3, and #4 have been addressed. The \$250 processing fee (Item #1) will be forwarded under separate cover.

One copy of the plans and associated calculation are submitted for your review and comment. Additional copies will be submitted for your approval.

Sincerely,

Paul A. Wingler

Paul A. Wingler, P.E.
Project Manager

Attachments

c: Gary Bennett, Solid Waste Operations Manager
Robert J. Butera, P.E., FDEP – Tampa
James Gabbert, Meyer & Gabbert Excavating Contractors, Inc.



SARASOTA COUNTY

"Dedicated to Quality Service"

RECEIVED
SEP 10 2001

September 7, 2001

Department of Environmental Protection
SOUTHWEST DISTRICT

BY _____

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

Subject: Central County MRF - Improvements
Permit #134912-001-SO, Sarasota County

Dear Mr. Ford:

This transmittal letter is in response to your request for additional information as requested by your letter of January 23, 2001.

2 - I believe that Item #2, #3, and #4 have been addressed. The \$250 processing fee (Item #1) will be forwarded under separate cover. + ?

One copy of the plans and associated calculation are submitted for your review and comment. Additional copies will be submitted for your approval.

Sincerely,

Paul A. Wingler, P.E.
Project Manager

Attachments

c: Gary Bennett, Solid Waste Operations Manager
Robert J. Butera, P.E., FDEP - Tampa
James Gabbert, Meyer & Gabbert Excavating Contractors, Inc.



SARASOTA COUNTY

"Dedicated to Quality Service"

January 4, 2001

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RECEIVED
JAN 08 2001
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Re: Construction and Demolition Debris Site Revision

Dear Mr. Ford:

The present operation requires that the sorted unprocessed Construction and Demolition Debris material be loaded and transported to an off-site processing plant. The existing operation has the mechanical disadvantage of the payloader elevating the material approximately fourteen feet from grade in order to discharge into the vehicle.

The operator has proposed the construction of a pit and ramp in order to facilitate loading.

Enclosed is a plan (Dwg. No. D-11796-F, 11/24/00) for your review, comments, and approval.

The plan also indicates five at grade storage bins at the north west corner of the site. The proposed bins would be used to store and display process products such as, mulch, crushed concrete, etc.

Sincerely,

Paul A Wingler

Paul A Wingler, P.E.
Project Manager

Enclosure

Cc: Gary Bennett, Solid Waste Operations Manager
Robert J. Butera, P.E., FDEP – Tampa

I:\USER\shared\projects\Bee Ridge Landfill\materials recovery facility\K Ford - C&D Site Revision 1-4-01.doc



SARASOTA COUNTY

"Dedicated to Quality Service"

January 4, 2001

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: Construction and Demolition Debris Site Revision

Dear Mr. Ford:

The present operation requires that the sorted unprocessed Construction and Demolition Debris material be loaded and transported to an off-site processing plant. The existing operation has the mechanical disadvantage of the payload elevating the material approximately fourteen feet from grade in order to discharge into the vehicle.

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Sincerely,

Paul A. Wingler

Paul A Wingler, P.E.
Project Manager

Enclosure

Cc: Gary Bennett, Solid Waste Operations Manager
Robert J. Butera, P.E., FDEP – Tampa

RECEIVED
JAN 08 2001
Department of Environmental Protection
BY SOUTHWEST DISTRICT

What is this about?
Bob



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

December 11, 2000

Mr. Paul Wingler, P.E.
Solid Waste Operations
Sarasota County
4000 Knights Trail Road
Nokomis, FL 34275

Re: CCA - Treated Wood Sorting Study
Permit #134912-004-SO, Sarasota County

Dear Mr. Wingler:

The Department has no objection to the site improvements and temporary storage as shown on figures attached and in accordance with the schedule described in your November 30, 2000 letter, subject to the following conditions:

1. The improvements and temporary storage shall not interfere with normal MRF operations; and
2. Financial assurance shall be maintained for all related storage and processing areas.

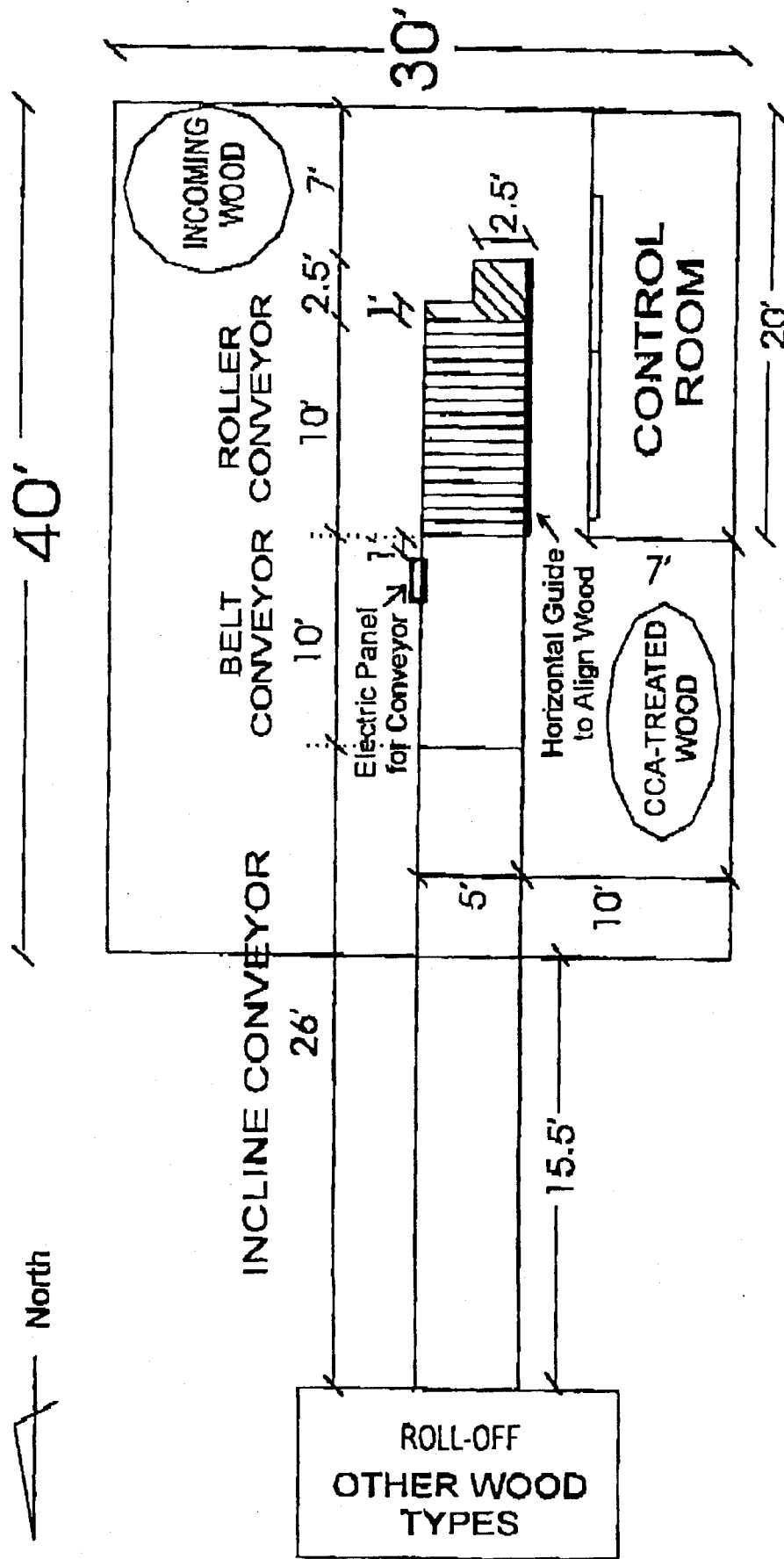
A permit modification is not required at this time. However, you are advised that if circumstances change causing the improvements and temporary storage to become a permanent part of the facility, then a request for a permit modification and \$250 processing fee is required according to FAC Rule 62-4.050(4)(q)5. If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,

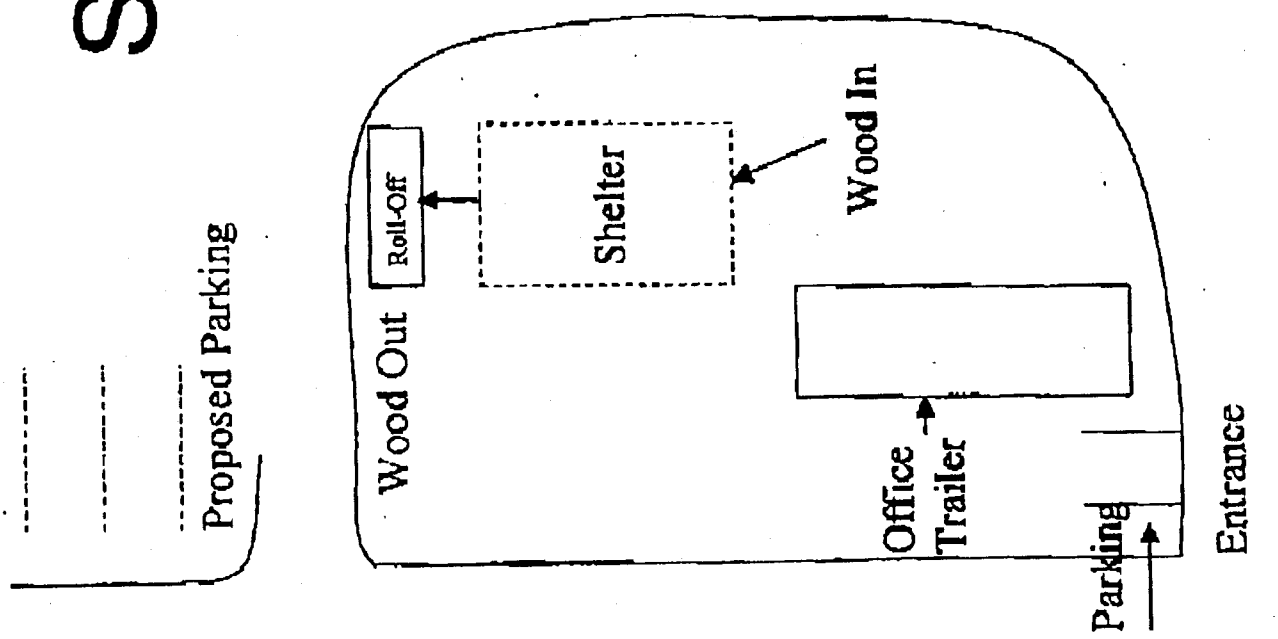
Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachments

cc: Gary Bennett, Sarasota County
Robert Butera, P.E., FDEP Tampa



Site Layout



C&D Material Storage
Bins

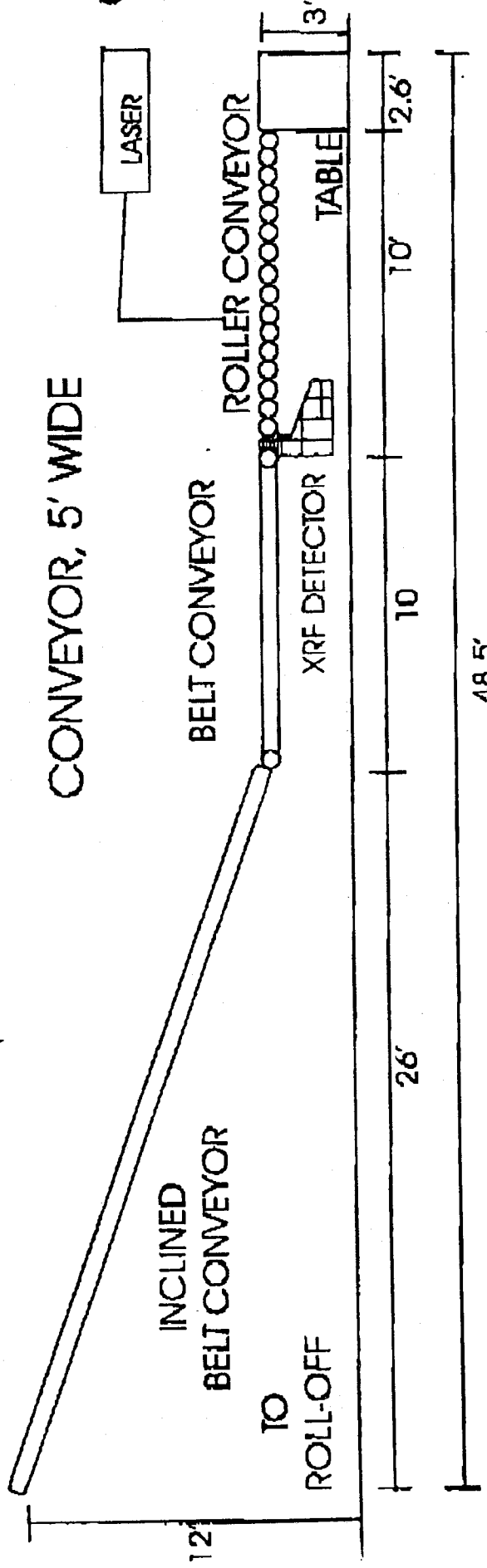
Machine Shop

C&D
Materials
Processing
Area

Post-It Fax Note		7671	Date	10/2/00	# of Pages	2
To		Paul Winkler				
Company		Sarasota County				
Phone #		(941) 486-2600				
Fax #		(941) 486-2620				
From		Helene Solo-Gabrick				
City		Univ. of Miami				
Phone #		(305) 284-3499				
Fax #		(305) 284-3492				



CONVEYOR, 5' WIDE



SIDE ELEVATION

file
LB

Meeting Agenda

On-Line Sorting System for CCA-Treated Wood

Tuesday, December 5, 2000, 3:30 pm
Central County Solid Waste Disposal Complex
Nokomis, Florida

1. Introduction
2. Progress on the following tasks
 - Shelter, permit submittal, cost estimates
 - Conveyor System, construction drawings
 - Detector, Update on LIBS and XRF

Townsend/Carlsen/Wingler
Hosein/Solo-Gabriele
Solo-Gabriele/Hahn
3. Overall project time-line
4. Logistics for project report submittal
5. Future meetings. Note TAG meeting scheduled for Thursday, January 11th in Miami, FL.

** Transmit Conf. Report **

P.1

Dec 4 2000 15:59

Telephone Number	Mode	Start	Time	Pages	Result	Note
819414862620	NORMAL	4,15:57	1'34"	5	* O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date: 12/4/00Number of pages including cover sheet: 5

To:

DAVE WILSON
GARY BARNETT
SARASOTA COUNTY

Phone:

941 486 2600

Fax phone:

941 486 2620

CC:

From:

Jim Ford

Phone:

(813) 744-6100 x 362

Fax phone:

(813) 744-6125

REMARKS:

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

Any comments on
DRAFT CCA Letter?
Jim

1 DS please send us a copy
of the

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

12/4/00

Number of pages including cover sheet:

5

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Phone:

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From:

Jim Ford

Phone:

(813) 744-6100 x 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☒ Reply ASAP

☐ Please comment

Any comments on
DRAFT CCA LEACH?

Jim

(PDS PLEASE SEND US A COPY
OF A SUMMARY OF THE
TUESDAY MEETING
BOB PROBABLY NOT COMING)



Department of Environmental Protection

Jeb Bush
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

December 4, 2000

Mr. Paul Wingler, P.E.
Solid Waste Operations
Sarasota County
4000 Knights Trail Road
Nokomis, FL 34275

DRAFT

Re: CCA - Treated Wood Sorting Study
Permit #134912-004-SO, Sarasota County

Dear Mr. Wingler:

The Department has no objection to the site improvements and temporary storage as shown on figures attached and in accordance with the schedule described in your November 30, 2000 letter, subject to the following conditions:

1. The improvements and temporary storage shall not interfere with normal MRF operations; and
2. Financial assurance shall be maintained for all related storage and processing areas.

A permit modification is not required at this time. However, you are advised that if circumstances change causing the improvements and temporary storage to become a permanent part of the facility, then a request for a permit modification and \$250 processing fee is required according to FAC Rule 62-4.050(4)(q)5. If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,

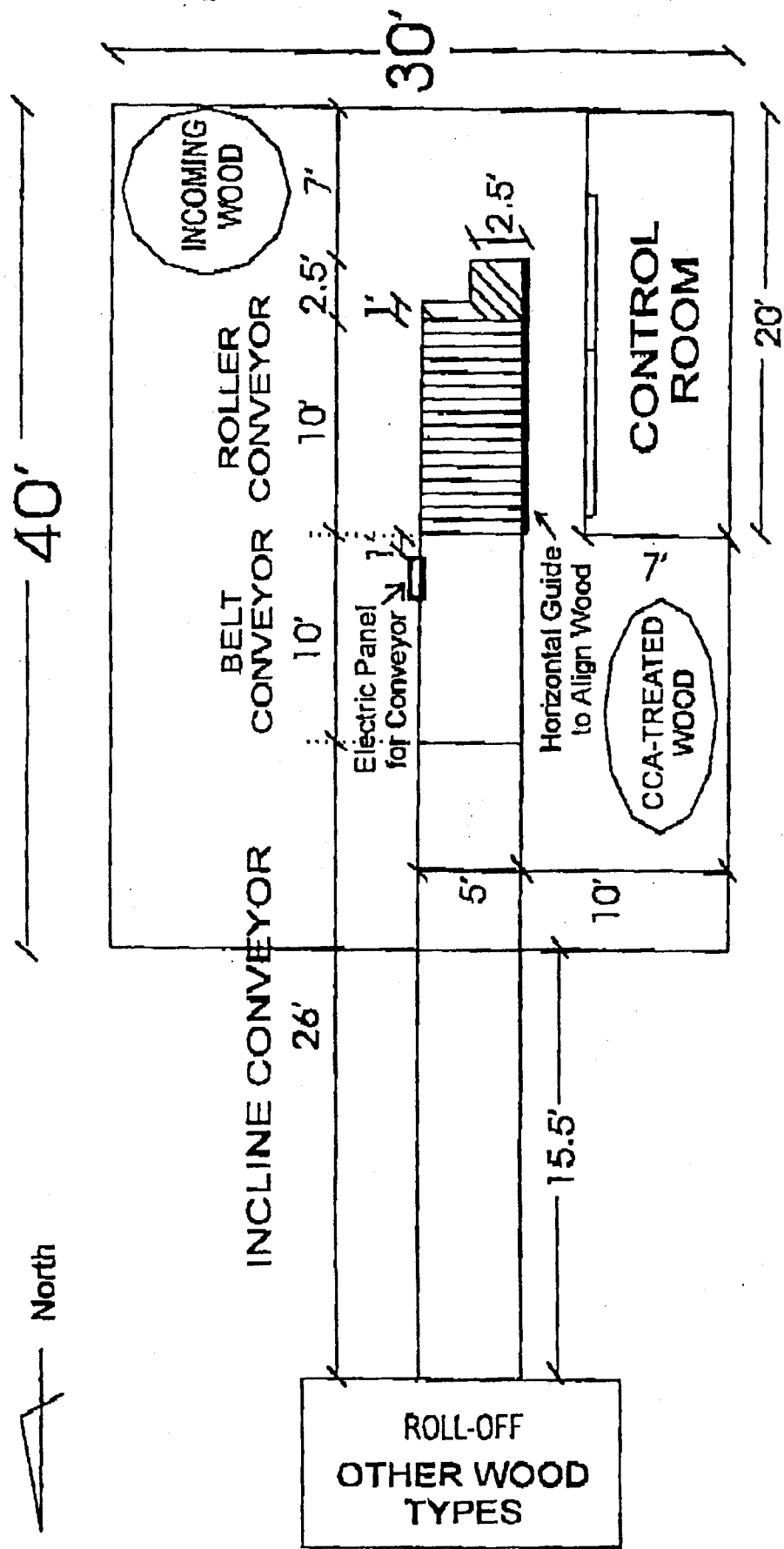
DRAFT
Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management

KBF/ab
Attachments

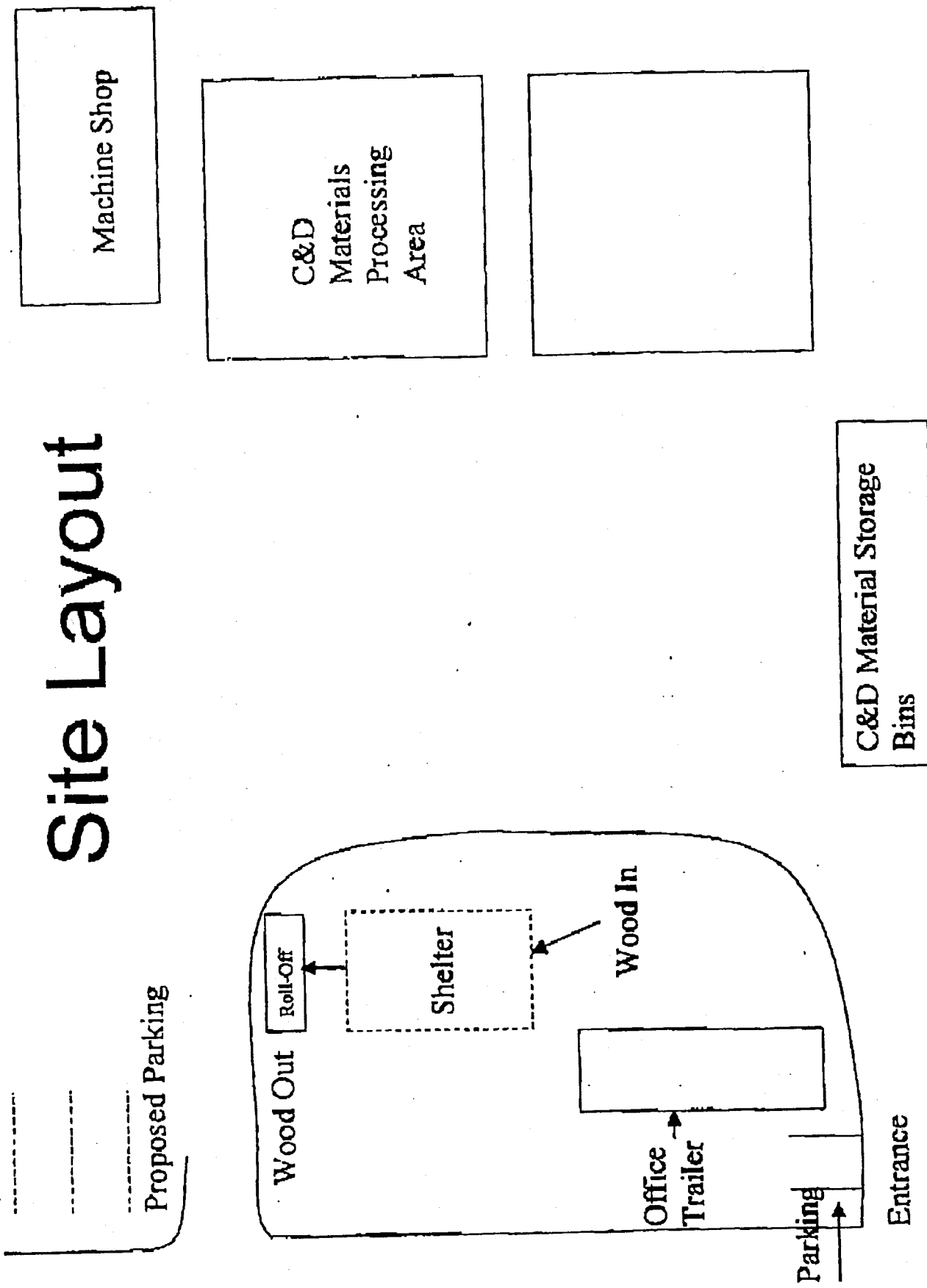
cc: Gary Bennett, Sarasota County
Robert Butera, P.E., FDEP Tampa

"More Protection, Less Process"

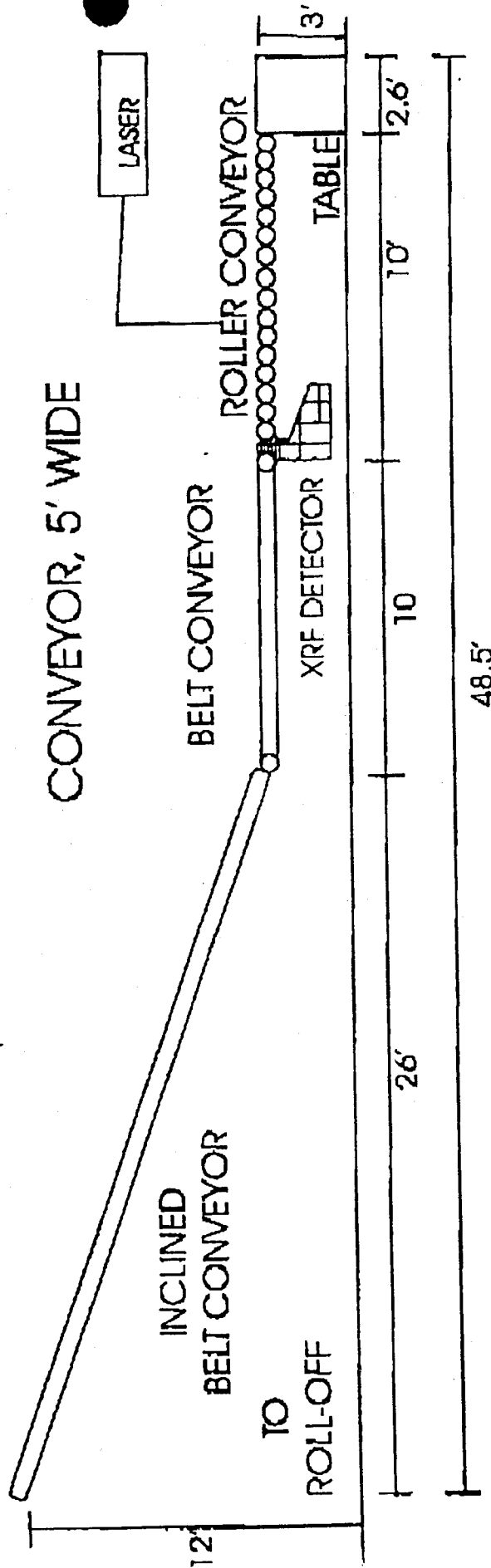
Printed on recycled paper.



Site Layout



Post-it Fax Note	7671	Date	10/2/00	# of Pages	2
To	PAUL WINGLER	From	Helen Solo-Gabrick		
Co./Dept.	SARASOTA COUNTY	Cn.	Univ. of Miami		
Phone #	(941) 486-2600	Phone	(305) 284-3489		
Fax #	(941) 486-2620	Fax #	(305) 284-3492		



SIDE ELEVATION



SARASOTA COUNTY

"Dedicated to Quality Service"

D.E.P.
DEC 04 2000
Southwest District Tampa

November 30, 2000

Facsimile (813) 744-6125

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: CCA Lumber Study

Dear Mr. Ford:

I have enclosed a copy of the October 5, 2000 anticipated schedule, which was prepared by the University of Miami for the construction of the inspection shelter. There was a delay in processing the permit, which is only now available. As you will see from the schedule, the construction has been delayed at least one month.

Once activated, it is anticipated that the project will continue for approximately eighteen months.

We will keep you posted on the progress.

Sincerely,

P. A. Wingler - CC.

Paul A Wingler, P.E.
Project Manager

Enclosure

Cc: Gary Bennett, Solid Waste Operations Manager
Robert J. Butera, P.E., FDEP - Tampa

October

2 6

20

November

3

17

24

1 Wk Permit application completed and submitted to building department (BD)

2 - 8? Wks

Permit Review by BD
Order anchor bolts

2 Wks

2 Wks

1 Wk

Pull permit and
construct concrete
form and pour

Delivery and assembly of
shelter

Install Electrical

Shelter Installation Plan

**SARASOTA COUNTY***"Dedicated to Quality Service"*

November 30, 2000

Facsimile (813) 744-6125

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: CCA Lumber Study

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Once activated, it is anticipated that the project will continue for approximately eighteen months.

We will keep you posted on the progress.

Sincerely,

Paul A Wingler, P.E.
Project Manager

Enclosure

Cc: Gary Bennett, Solid Waste Operations Manager
Robert J. Butera, P.E., FDEP - Tampa

October

2 6

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November

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Delivery and assembly of
shelter

Install Electrical

SARASOTA COUNTY GOVERNMENT
ENVIRONMENTAL SERVICESPAUL A. WINGLER
Project Manager4000 Knights Trail Road
Nokomis, Florida 34275Tel. (941) 486-2600
FAX (941) 486-2620*"Dedicated to Quality Service"***fax** t r a n s m i t t a lto: DEP
SOLID WASTE SEC

DATE	11/27/00	Page 1 of 4
ATTENTION	KIM FORD, PE	
RE:	CCA LUMBER GRANT	
	UNIV. MIAMI / FLORIDA	

fax:

813. 744-6125THESE SHEET ARE PROVIDED AS REQUESTED PER
GARY BENNETT -

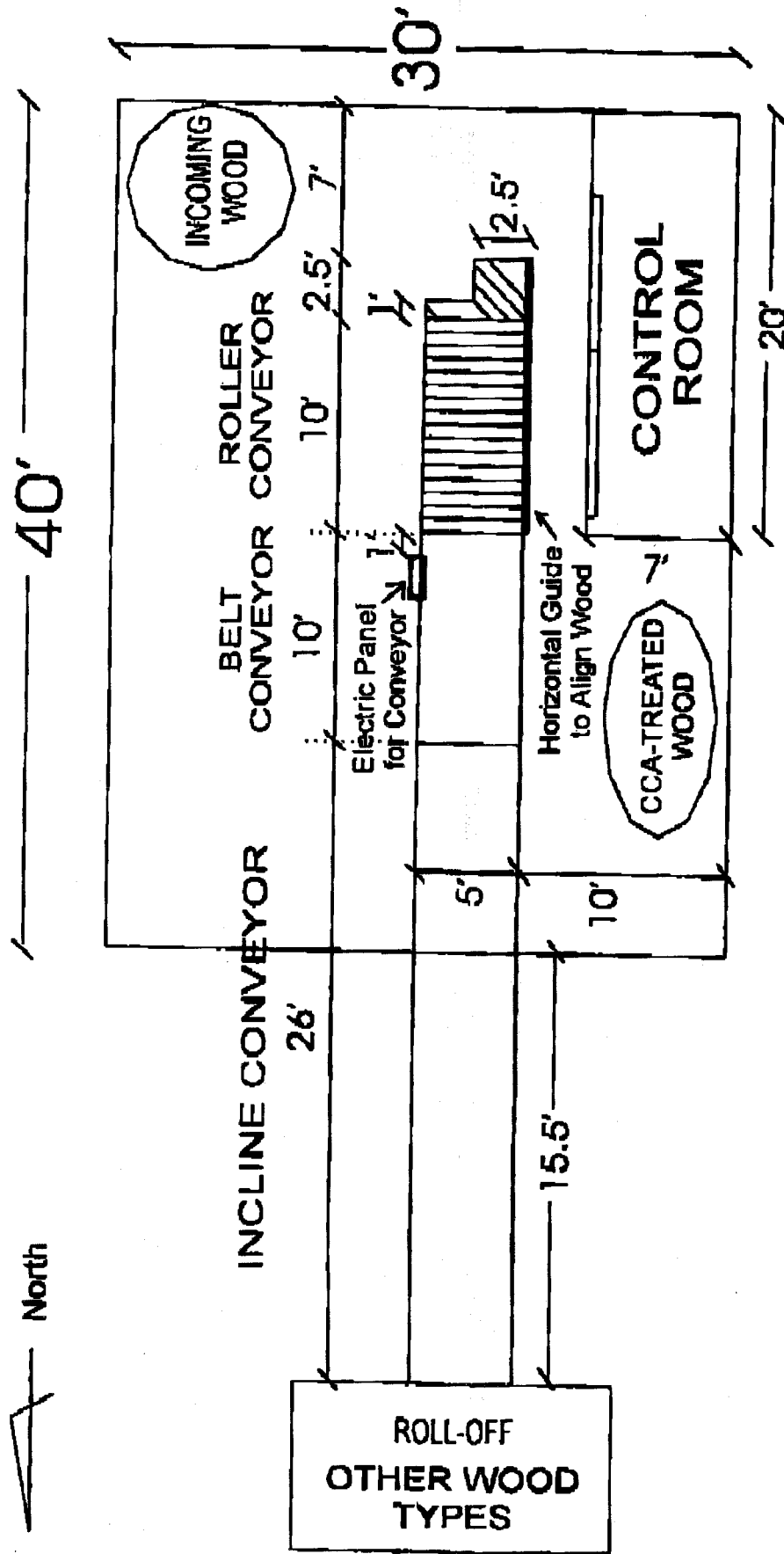
- 1) AREA SKETCH
- 2) FLOOR PLAN
- 3) ELEVATION

941 4862600
EXTENSION
103

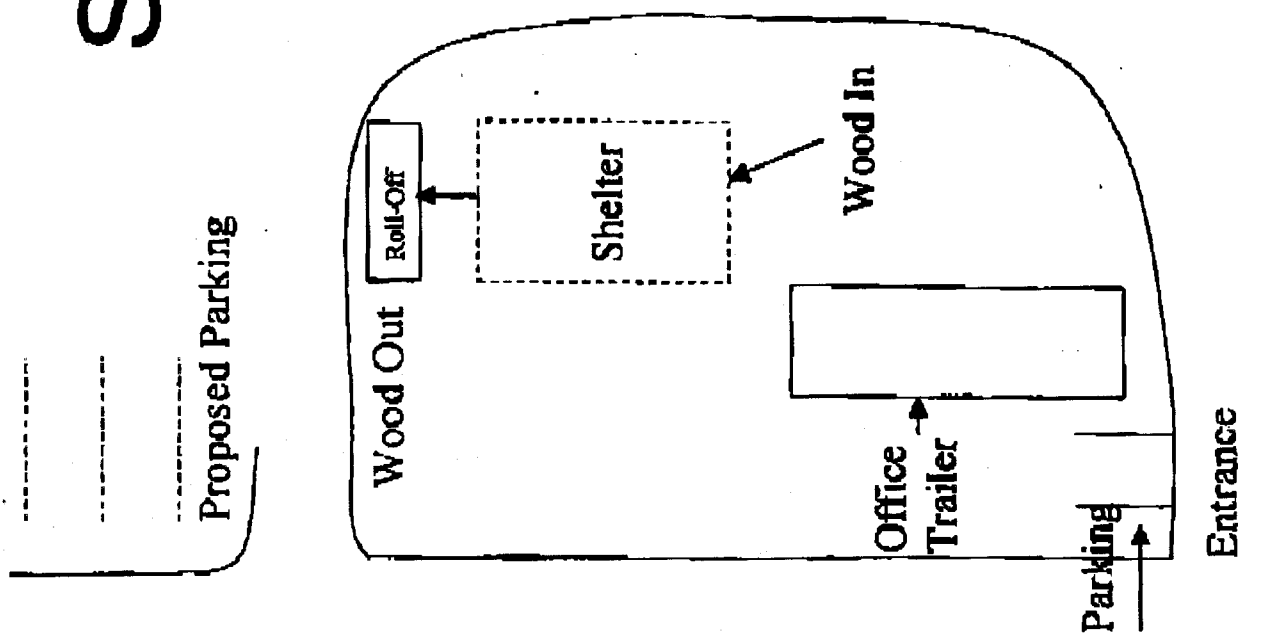
PAUL A. WINGLER, P.E.

SIGNED

PAW



Site Layout



Machine Shop

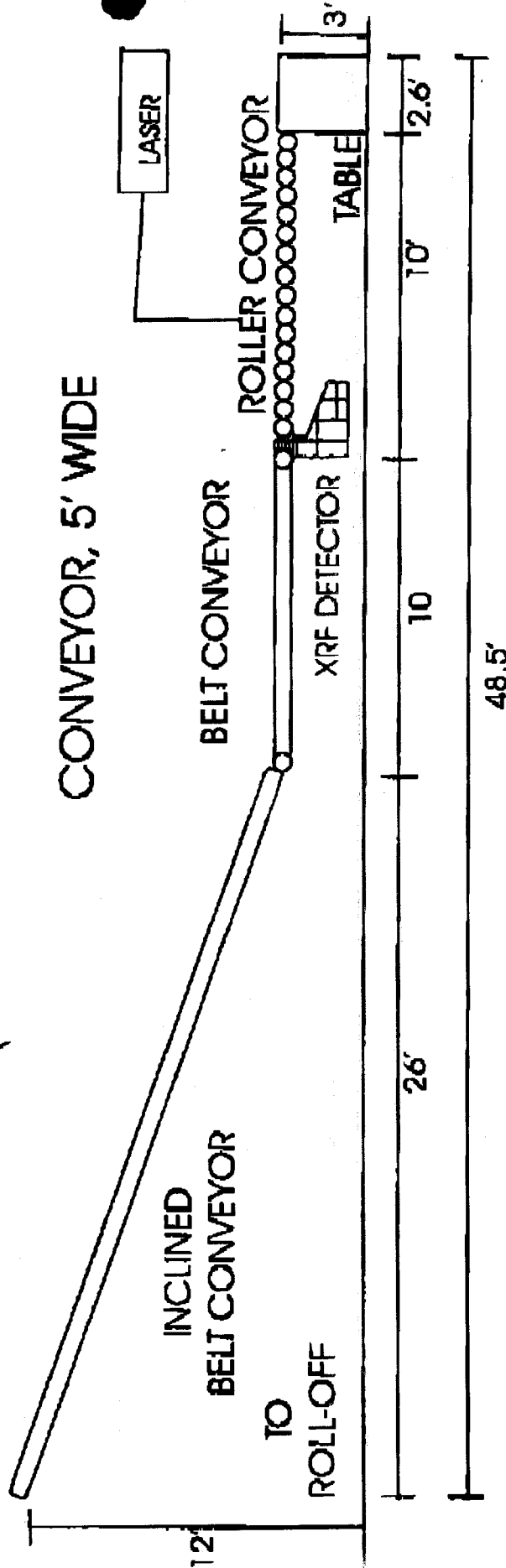
C&D
Materials
Processing
Area

C&D Material Storage
Bins

Post-It Fax Note	7671	Date	10/2/00	# of Pages	2
To	PAUL WINSTON	From	Helene Solo-Gabrick		
Co. Dept.	SARASOTA COUNTY	Co.	Univ. of Miami		
Phone #	(941) 486-2600	Phone	(305) 284-3489		
Fax #	(941) 486-2620	Fax #	(305) 284-3492		



CONVEYOR, 5' WIDE



SIDE ELEVATION

INTEROFFICE MEMORANDUM

Date: 21-Nov-2000 01:30pm
From: Solo-Gabriele, Helena M
hmsolo@miami.edu

Dept:
Tel No:

To: 'robert.butera@dep.state.fl.us' (robert.butera@dep.state.fl.us)
To: 'kim.ford@dep.state.fl.us' (kim.ford@dep.state.fl.us)
CC: Solo-Gabriele, Helena M (hmsolo@miami.edu)

Subject: FW: Sarasota Sorting Project

-----Original Message-----

From: Solo-Gabriele, Helena M
Sent: Tuesday, November 21, 2000 11:55 AM
To: 'butera_r@dep.state.fl.us'; 'ford_k@dep.state.fl.us'
Cc: Solo-Gabriele, Helena M; 'Gary Bennett, Sarasota County Solid Waste Operations Division'; 'Tim Townsend'
Subject: Sarasota Sorting Project

Bob,

It was a pleasure speaking with you earlier today by telephone. As promised I have attached a copy of the agenda for our upcoming meeting in Sarasota County. The purpose of the meeting is to discuss the progress of Sarasota County's Innovative Recycling Grant titled, "On-line Sorting Technologies for CCA-Treated Wood." The meeting will be held on Tuesday, December 5th from 3:30 to 5:00 pm at the Central County Solid Waste Disposal Complex. Both you and Kim Ford are welcome to participate. Please confirm whether or not you plan to attend. Also, I wanted to mention that you are also welcome to attend our Technical Advisory Group (TAG) meeting which is where we present all of our research on CCA-treated wood. The TAG meeting is generally attended by 50 to 60 people. More details about the TAG meeting is provided below.

Please contact me if you have any questions.

-Helena Solo-Gabriele

*****Information concerning next TAG meeting*****Please go to
www.ccaresearch.org to view the TAG meeting agenda****

Dear TAG Member and TAG Meeting Guests,

Our next Technical Advisory Group (TAG) meeting for the CCA-Treated Wood Project has been scheduled for Thursday, January 11, 2001 in Coral Gables (Miami), Florida. The meeting will be held from 10:00 am to 2:00 pm on the University of Miami campus in MCA (McArthur Engineering Annex) Room 220.

All attendees who will be parking on campus will need a parking pass. I plan to mail a pass and a campus map to all confirmed attendees. Please send me an email message that includes your mailing address to confirm your attendance. Please note that January 11th is before the beginning of the spring semester so parking on campus should not be too bad.

If you plan to stay overnight we recommend the Holiday Inn located next to campus. I have reserved a block of rooms at this hotel at a discounted rate (\$103/night). Please refer to code "UCE" when you make your reservation. Reservations must be made before December 15, 2000 in order for the discount to apply. You may contact the Holiday Inn at:

Holiday Inn _ University of Miami
1350 South Dixie Highway
Coral Gables, FL
Phone:(305)667_5611

The agenda for the next meeting (see attached document below) is separated into two parts. The first hour of the meeting will be devoted to discussing our collaborative project with Sarasota County which is funded through the Florida Department of Environmental Protection, Innovative Recycling Grants Program. The Sarasota County project focuses on sorting technologies for CCA-treated wood waste. The last 3 hours will focus on the discussing the research sponsored through the Florida Center for Solid and Hazardous Waste Management. During this time the research team will describe the final results from our "year 3 supplemental" study and provide an update from the "year 4" study. Also, we have recently submitted a proposal for "year 5." We will be discussing the research plan for this new study, if funding is received. Please visit our web-site (www.ccaresearch.org) for more details concerning the research tasks.

We anticipate that prior to the meeting, the final report for the "year 3 supplemental" will be posted on our web site. I plan to send everyone on the email list a message indicating that the report is available. Please note that paper copies of the draft will not be distributed.

If you have any additions to the agenda or questions please call me at (305)284_3489 or send an email message to hmsolo@miami.edu. We look forward to seeing you in Coral Gables.

Sincerely,

Helena Solo-Gabriele

Helena Solo-Gabriele, Ph.D., P.E.
Assistant Professor and Graduate Advisor
University of Miami
Dept. of Civil, Arch., and Environ. Engineering
P.O. Box 248294
Coral Gables, FL 33124-0630
Phone: 305-284-3489
Fax: 305-284-3492
email hmsolo@miami.edu
<http://www.eng.miami.edu/~hmsolo>

Street Address for Fedex

1251 Memorial Drive
McArthur Building Room 325
Coral Gables, FL 33143-0630

Meeting Agenda

On-Line Sorting System for CCA-Treated Wood

Tuesday, December 5, 2000, 3:30 pm
Central County Solid Waste Disposal Complex
Nokomis, Florida

1. Introduction
2. Progress on the following tasks
 - Shelter, permit submittal, cost estimates
Townsend/Carlsen/Wingler
 - Conveyor System, construction drawings
Hosein/Solo-Gabriele
 - Detector, Update on LIBS and XRF
Solo-Gabriele/Hahn
2. Overall project time-line
Solo-Gabriele
4. Logistics for project report submittal
5. Future meetings. Note TAG meeting scheduled for Thursday, January 11th in Miami, FL.



SARASOTA COUNTY

"Dedicated to Quality Service"

February 25, 2000

VIA FACSIMILE

Original to follow via US MAIL

Kim B. Ford, P.E.

Florida Department of Environmental Protection

3804 Coconut Palm Drive

Tampa, FL 33619-8318

Re: Central County Solid Waste Disposal Complex
Construction & Demolition (C & D) Operation Process Change
Permit No. 134912-001-SO

Dear Mr. Ford:

The operation for the referenced process has been generating a product which has been delivered to the working face of the Class I landfill and applied as daily cover. The amount of product delivered has exceeded the cover requirements of Sarasota Landfill Management (SLM), the contract operator, and has resulted in discussions regarding an unanticipated cost related to the acceptance of the excess C & D product.

The resulting solution is that a segment of the C & D operation will be changed starting March 1, 2000. The present grinder/shredder will be replaced with a screening operation. The incoming waste stream will be sorted and picked in accordance with the present Operation & Maintenance Manual. The remaining material will be screened generating two flow lines. The dirt-like undersize material will be delivered to the face for use as daily cover. Oversize material off the end of the screen will be loaded and removed from the site to an approved C & D landfill.

The operation change requires a revision of the Operation & Maintenance Manual in that the last sentence of page one, 1.0 Process Flow Narrative, 1.3 Mixed Loads, will now read:

"Mixed C & D material will be temporarily stockpiled within the leachate control pad area after sorting and segregation prior to the screening operation. When an adequate amount of material has been stockpiled, the material will be loaded onto the screen. The minus 2" material screenings will be transported to the landfill face for use as daily cover. The screen rejects will be loaded into transport trucks within the leachate control pad area and shipped to an approved C & D landfill."

Page three, Figure 1, has also been changed, and the "CBI Grinder" is replaced with a screening operation with two flow streams, minus 2" screenings, which will be transported to the

Southwest District Tampa

MAR 01 2000

D.E.P.


Kim B. Ford, P.E.
C & D Operation Process Change

February 25, 2000
Page 2

face for daily cover, and the second stream will be loaded and transported to an approved C & D disposal site.

Please include the revised pages in the Department's file copy of the Operation & Maintenance Manual and contact me if you require any additional information.

Sincerely,



Paul A. Wingler, P.E.
Project Manager

Enclosures

Cc: Gary Bennett, Solid Waste Operations Manager
James F. Gabbert, President, Meyer & Gabbert Excavating Contractors, Inc.

1.0 Process Flow Narrative

Customers arriving at the CCSWDC hauling construction and demolition debris and some Class III waste materials such as carpet, carpet padding and furniture enter the scales, pay the appropriate charge, receive a scalehouse ticket and are directed to the materials recovery facility.

Customers arriving at the materials recovery facility present the scalehouse ticket to the attendant. The customer is questioned regarding the load contents. The attendant notifies the spotter of an incoming load by radio. The on-site manager or a spotter is notified if a load is suspected of containing unacceptable materials. The materials flow schematic is shown on Figure 1. The process and leachate flow schematic is shown on Figure 2. The storage area capacities are shown in Table 1.

1.1 Concrete

Customers with loads of clean concrete are directed to the clean concrete processing, storage and loading area. Clean concrete is defined as only uncontaminated concrete and diminimus amounts of soil. The load is dumped in the unloading area. The customer then exits the facility. Once an adequate volume of material has been stockpiled, the clean concrete is processed using a densifier. The densified concrete is then stockpiled for delivery to market. As shown on the site plan, the clean concrete processing and storage area is 150 feet long and 50 feet wide. The amount of clean concrete stockpiled prior to delivery to market will vary.

1.2 Wood

Customers with loads of clean wood are directed to the clean wood unloading and processing area. Clean wood is defined as only untreated and unpainted wood and diminimus amounts of soil. The load is dumped in the unloading area. The customer then exits the facility. Once an adequate volume of material has been stockpiled, the clean wood is processed using a grinder to produce mulch. The mulch is then stockpiled for delivery to market. As shown on the site plan, this area is 100 feet long and 120 feet wide. The amount of mulch stockpiled prior to delivery to market will vary.

1.3 Mixed Loads

Customers with mixed loads proceed to the tipping area identified on Figure 2 and the site plan under the direction of the spotter. The load is dumped into the tipping area for sorting. Unacceptable materials may be reloaded and the customer directed to other on-site facilities. The customer then exits the facility.

The mixed material is then sorted and segregated by bobcat to remove large recyclables. Large or difficult to process materials are manually removed.

Mixed C & D material will be temporarily stockpiled within the leachate control pad area after sorting and segregation prior to the screening operation. When an adequate amount of material has been stockpiled, the material will be loaded onto the screen. The minus 2"

material screenings will be transported to the landfill face for use as daily cover. The screen rejects will be loaded into transport trucks within the leachate control pad area and shipped to an approved C & D landfill.

Shingles will be processed with the mixed waste materials.

1.4 Non-Class III Waste Materials

Non-Class III waste materials are also manually removed. Non-Class III waste materials are loaded into roll-off containers located on the leachate containment area. These materials are then transported to the Class I landfill for disposal. Temporary storage of non-recyclable materials is performed in accordance with Rule 62-701.730(6), FAC. Specifically, putrescible waste will not be stored for more than one week and nonputrescible waste will not be stored for longer than 30 days.

1.5 Recyclables

Recyclables removed during the sorting step will be stockpiled as shown on Figure 2 and the site plan. These recyclable materials are clean cardboard and clean metals. Clean is defined as cardboard or metal that may contain diminimus amounts of waste included inadvertently. The processing areas are under cover and the storage is in roll-off containers or covered. A roll-off container for metals will be located as shown to transfer metals removed during sorting to the processing and storage area. All recyclables other than those designated on Figure 2, such as carpet padding, will remain on the leachate containment pad until transported to market.

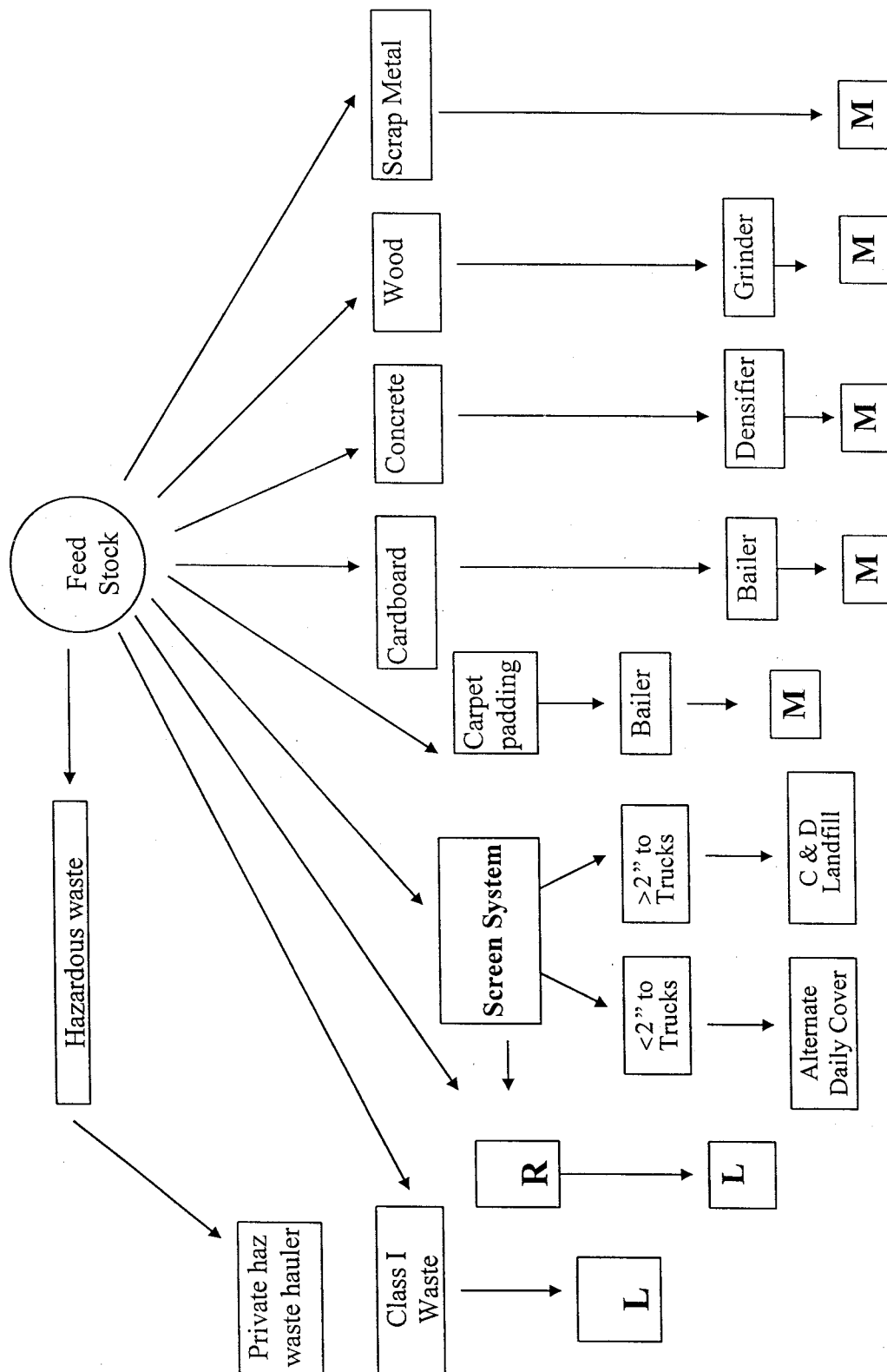
Recyclable materials will be transported via truck for market delivery. Material transported off-site is weighed at the scales enroute to market.

If in the future it becomes feasible to recycle other materials, the Department's approval will be requested. Recycling activities will not begin until Department approval is granted.

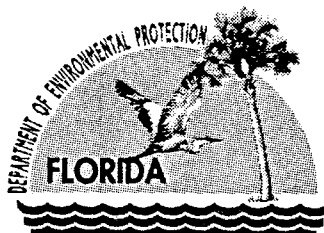
1.6 Hazardous Wastes

If unacceptable materials are encountered involving hazardous wastes (e.g. car batteries, thermostats, paint, etc.) the hazardous waste contingency plan in Section 6.0 will be implemented. An OSHA approved storage cabinet will be used for temporary storage of hazardous wastes found. The cabinet is a Justrite Mfg. Co. safety storage cabinet and is lockable. It is approved for acids and corrosives. This cabinet has a 45 gallon spill containment capacity. It is five feet tall, five feet wide and two feet deep. It is labeled for acids and corrosives. This cabinet is located as shown on sheet one the drawings.

Figure 1. Construction & Demolition Debris Materials Flow Schematic



Legend
 Landfill : L
 Market: M
 Residue: R



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

November 18, 1999

Sarasota County
Solid Waste Operations
% Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

RE: Authorization to Utilize Streetsweepings, Catch basin and Stormwater Sediments for Initial
Landfill Cover

Dear Mr. Bennett:

The purpose of this letter is to document our conversation on November 17, 1999 relating to the use of streetsweepings, and catch basin and stormwater sediments for landfill cover. The Department has no objection to Sarasota County's intended use of non-hazardous contaminated soils such as streetsweepings, and sediments from stormwater ponds and catch basins for use as initial cover provided waste has been removed from the material so as not to create a litter problem. This waste material may also be utilized for intermediate cover on all interior slopes provided all runoff discharges to the leachate collection system. All waste and/or cover material must also be free of liquids in accordance with the EPA - 9095 Paint Filter Liquids Test.

The referenced waste material such as the screened material the County is receiving from the City of Sarasota from the Osprey Avenue and 12th Street site must be disposed of in a Class I lined landfill. The Department encourages Sarasota County to use streetsweepings and sediments as cover in order to conserve landfill space. If you have any questions concerning this letter you may contact me at 813-744-6100, Ext. 451.

Sincerely,

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

Cc: Kim Ford, P.E., FDEP
Steve Morgan, FDEP
Mary Jean Yon, Waste Program Administrator, FDEP - Tallahassee

** Transmit Conf. Report **

P.1

Oct 20 1999 11:54

Telephone Number	Mode	Start	Time	Pages	Result	Note
819414862620	NORMAL	20,11:53	1'29"	3	* O K	

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION3804 Coconut Palm Drive
Tampa, FL 33619-8318**FAX**

Date:

10/20/99

Number of pages including cover sheet:

3

To:

Kathy Bennett

Sarasota County

Phone:

941 4862600

Fax phone:

941 4862620

CC:

From:

Jim Ford

Phone:

(813) 744-6100

x362

Fax phone:

(813) 744-6125

REMARKS:

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

Carpenter Recycling Test

OK as discussed in your letter

RHS

Jim

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

3804 Coconut Palm Drive
Tampa, FL 33619-8318

FAX

Date:

10/20/99

Number of pages including cover sheet:

3

To:

GARY BENNETT

Sarasota County

Phone:

941 4862600

Fax phone:

941 4862620

CC:

From:

fm FORD

Phone:

(813) 744-6100

x362

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

☐ Please comment

Carpet Recycling Test

OK AS DECIDED in your letter

RA

fm

**SARASOTA COUNTY***"Dedicated to Quality Service"*

October 19, 1999

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

Re: Carpet Recycling Test

Dear Mr. Ford:

Please look at the attached letter from R.W. Beck. It is my understanding that the actual sorting will take place on the tipping floor with permission requested to store the unprocessed material off the tipping floor in roll offs. The actual sorting process will cover 4 days. Please note that R.W. Beck would like to begin this work on Friday, October 22, 1999. The County is requesting permission under Permit No. 134912-001SO to temporarily store unprocessed materials in roll offs adjacent to the tipping area over these four days.

Please contact me if you have questions.

Sincerely,

Gary Bennett
Solid Waste Operations Manager

GB:lh

Attachment

c: Robert J. Butera, P.E., Florida Department of Environmental Protection, Tampa
Jodi John, Resource Conservation Manager
Anita Largent, General Manager, Solid Waste
Raymond Randall, R.W. Beck

OK
CR
10/20/99

OCT 19 '99 04:07PM RW BEC

P.2

October 19, 1999



Mr. Gary Bennett
Sarasota County
Solid Waste Operations Manager
4000 Knights Trail Road
Nokomis, FL 32475

Subject: Carpet Recycling Test at Meyer & Gabbert

Dear Gary:

Sarasota County and R. W. Beck, Inc. are currently analyzing the potential to establish an economically sustainable carpet recycling program. This is being funded through an innovative grant from the Florida Department of Environmental Protection.

Recently, we received a six-month extension to this grant enabling us to test a program that will operate at the Meyer & Gabbert C&D Recycling Facility (M&G). This program will test the viability of delivering roll-off containers from carpet stores to M&G and recovering the recyclable material (N6 carpet, wood, ceramics, pad, cardboard, drywall). The material in these roll-offs is very similar in composition to what M&G currently receives from construction sites.

On October 22-23 and 29-30, we will be conducting this test at the M&G facility. We have been working diligently with Jim Gabbert, Sarasota County, and Waste Management to develop a feasible test protocol. One of the last issues to resolve is where the roll-offs will be staged until they are able to be tipped and sorted. Due to the various pull schedules of the carpet retailers, we will not be able to sort enough loads if we only sort the roll-offs pulled on these dates. Therefore, it is necessary to stage other roll-offs at a site which can be easily accessed, enabling a greater amount of material to be tested. The most preferable location for these roll-offs to be stored is at M&G, adjacent to the tipping floor.

We are requesting that an allowance be made to permit these containers to be staged off of M&G's tipping floor for the dates of this test. We believe this allowance will facilitate a more thorough test and provide for the greatest amount of material to be recovered.

Please feel free to call me if you have any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read "Raymond D. Randall".

Raymond D. Randall
Senior Analyst

RDR/ea

MEA-54501082105Bennett.doc



SARASOTA COUNTY

"Dedicated to Quality Service"

D.E.P.
OCT 22 1999
Southwest District Tampa

October 19, 1999

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

Re: Carpet Recycling Test

Dear Mr. Ford:

Please look at the attached letter from R.W. Beck. It is my understanding that the actual sorting will take place on the tipping floor with permission requested to store the unprocessed material off the tipping floor in roll offs. The actual sorting process will cover 4 days. Please note that R.W. Beck would like to begin this work on Friday, October 22, 1999. The County is requesting permission under Permit No. 134912-001SO to temporarily store unprocessed materials in roll offs adjacent to the tipping area over these four days.

Please contact me if you have questions.

Sincerely,

Gary Bennett
Solid Waste Operations Manager

GB:lh

Attachment

c: Robert J. Butera, P.E., Florida Department of Environmental Protection, Tampa
Jodi John, Resource Conservation Manager
Anita Largent, General Manager, Solid Waste
Raymond Randall, R.W. Beck

I:\USER\shared\projects\Central County Solid Waste Disposal Complex\Materials Recovery Facility\Correspondence\Carpet recycling test 19 oct 99.doc

October 19, 1999

R.W. BECK

Mr. Gary Bennett
Sarasota County
Solid Waste Operations Manager
4000 Knights Trail Road
Nokomis, FL 32475

Subject: Carpet Recycling Test at Meyer & Gabbert

Dear Gary:

Sarasota County and R. W. Beck, Inc. are currently analyzing the potential to establish an economically sustainable carpet recycling program. This is being funded through an innovative grant from the Florida Department of Environmental Protection.

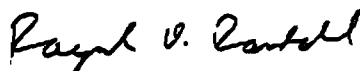
Recently, we received a six-month extension to this grant enabling us to test a program that will operate at the Meyer & Gabbert C&D Recycling Facility (M&G). This program will test the viability of delivering roll-off containers from carpet stores to M&G and recovering the recyclable material (N6 carpet, wood, ceramics, pad, cardboard, drywall). The material in these roll-offs is very similar in composition to what M&G currently receives from construction sites.

On October 22-23 and 29-30, we will be conducting this test at the M&G facility. We have been working diligently with Jim Gabbert, Sarasota County, and Waste Management to develop a feasible test protocol. One of the last issues to resolve is where the roll-offs will be staged until they are able to be tipped and sorted. Due to the various pull schedules of the carpet retailers, we will not be able to sort enough loads if we only sort the roll-offs pulled on these dates. Therefore, it is necessary to stage other roll-offs at a site which can be easily accessed, enabling a greater amount of material to be tested. The most preferable location for these roll-offs to be stored is at M&G, adjacent to the tipping floor.

We are requesting that an allowance be made to permit these containers to be staged off of M&G's tipping floor for the dates of this test. We believe this allowance will facilitate a more thorough test and provide for the greatest amount of material to be recovered.

Please feel free to call me if you have any questions.

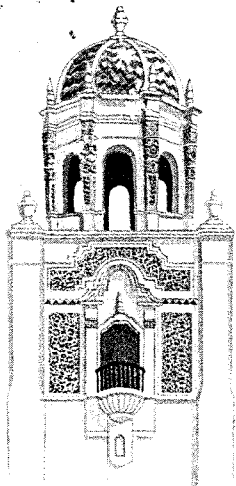
Sincerely,



Raymond D. Randall
Senior Analyst

RDR/ea

MEA:S:\5501\032105\Bennett.doc



SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA

ENVIRONMENTAL SERVICES
Solid Waste Operations

D.E.P.

APR 26 1999

Southwest District Tampa

4000 Knights Trail Road
Nokomis, Florida 34275
Telephone (941) 486-2600
Facsimile (941) 486-2620

April 21, 1999

Kim B. Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: Central County Solid Waste Disposal Complex
Permit Number SO58-299180
Response to Inspection and Information Request

Dear Mr. Ford:

In response to the Department's inspection of the referenced facility conducted on February 25, 1999, and in accordance with the telephone conversation held with the Department on April 19, 1999, we are submitting the following responses to the comments made in the narrative portion of the inspection checklist. We have also enclosed the information (analytical results) requested by the Department when the County's copy of the inspection checklist was received on March 12, 1999.

The first comment was in regard to landfill gas migration monitoring. The Department and the County have had a continuing dialogue on this issue. This results of this dialogue is contained in quarterly reports submitted in accordance with Specific Condition 18 of the permit. The meeting requested will be held in the field during the Department's visit scheduled for Tuesday, April 27, 1999.

The second comment was regarding the placement of intermediate cover. The intermediate cover is being placed. Slopes receiving intermediate cover will be sodded within seven days of completion.

The third comment was in regard to the failure of the secondary containment coating to bond to the surface of the tank in a few spots. The County is pursuing this warranty item with the tank contractor. We anticipate resolution of this matter, including reapplication of the coating over these spots, to be completed in the near future.

Mr. Kim B. Ford, P.E.
April 21, 1999
Page 2

D.E.P.

APR 26 1999

Southwest District Tampa

The final comment was regarding modifications to the materials recovery facility. The specifics of these modifications are discussed in the following text. These modifications and their subsequent submittal to the Department was discussed in the field during the Department's site visit to certify construction on October 20, 1999.

Enclosed is a revised site plan showing the location and dimensions of additional concrete slab added to the east (20 ft. x 225 ft.). This additional slab improves the operator's ability to load cover material into trucks for transport and remain in the containment area. An area has been added to the north (35 ft. x 85 ft.) under cover of a roof to provide an area for the processing of recyclables (see Section 1.5 of the Operations and Maintenance Manual). The maintenance building has been extended over this area as shown.

The addition of these areas and the relocation of recyclables processing is not a substantial change to the facility. The storage area capacities shown in Table 1 of the Operations and Maintenance Manual will be adhered to.

Please contact me if you have any questions.

Sincerely,



Mark Triplett, P.E.
Solid Waste Operations

RMT

Enclosures

C Robert J. Butera, P.E. – FDEP w/o enclosures
James F. Gabbert – Meyer & Gabbert Excavating Contractors, Inc.

i:\user\shared\projects\central county solid waste disposal complex\materials recovery facility\correspondence\inspection follow up.doc

Date: 19.12.1997 12:24
From: SMP
Subject: From Sample Manager operator SW Report from VGL program SMP\$ROOT:[REPORT]GEN-RPT2.
RPF;540

*MPE coordinate - 10/10/10
Sampled AIRF
permit file*

19-DEC-1997

Page 1 of 8

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL LABORATORY
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

CHEMICAL ANALYSIS REPORT

Request ID: RQ-97-NOV-17-24 CompQAP# 870688G
Job ID: 97-NOV-21-77 Project: OTHER
Job Name: MATERIALS RECYCLING FACILITIES - Job created o
Date Received: 21-NOV-1997 Customer ID: SW-TAM-WSM
Authorized: 10-DEC-1997 By: Liang T. Lin

Submitted By: SW DIST. OFFICE (TAMPA) - WASTE MANAGEMEN
3804 Coconut Palm Drive
Tampa, Florida 33619

Attn: Kent Edwards

For Additional Information, Please Contact
Timothy W. Fitzpatrick
Yuh-Hsu Pan, Ph.D.
Julio Arrecis, Ph.D.
Liang-Tsair Lin, Ph.D.
Suncom 277-2571
(904) 487-2571

Preliminary Review Copy

Date: 19-DEC-1997

Abbreviations & Storet Codes:

- A - Value reported is the mean of two or more determinations
- B - Results based on colony counts outside the acceptable range.
- I - Value reported is less than the minimum quantitation limit,
and greater than or equal to the minimum detection limit.
- J - Estimated value
- K - Actual value is known to be less than value given
- L - Actual value is known to be greater than value given
- N - Presumptive evidence of presence of material.
- O - Sampled, but analysis lost or not performed.
- Q - Sample held beyond normal holding time.
- T - Value reported is less than the criterion of detection.
- U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.
- V - Analyte was detected in both sample and method blank.
- Z - Colonies were too numerous to count (TNTC).

Sample ID: 202020/97-NOV-21-77-01 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: SARASOTA MRP
Collected: 18-NOV-1997 11:05 By: K.D'ARCY
Authorized: 10-DEC-1997 By: Kerry Tate
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-VOC-MS
Volatiles in wtr or waste wtr by EPA 624/5030-8260
Prepared: NA By:
Analyzed: 25-NOV-1997 05:02 By: Joel Nagle
Authorized: 10-DEC-1997 By: Kerry Tate

Storet#	Analyte	Value	Units
78124	Benzene	0.50 U	ug/L
32101	Bromodichloromethane	0.50 U	ug/L
32104	Bromoform	0.50 U	ug/L
34413	Bromomethane	0.50 U	ug/L
32102	Carbon tetrachloride	0.50 U	ug/L
34301	Chlorobenzene	0.89 I	ug/L
34311	Chloroethane	0.50 U	ug/L
34576	2-Chloroethylvinyl ether	0.50 U	ug/L
32106	Chloroform	0.50 U	ug/L
34418	Chloromethane	0.50 U	ug/L
34536	1,2-Dichlorobenzene	0.50 U	ug/L
34566	1,3-Dichlorobenzene	0.50 U	ug/L
34571	1,4-Dichlorobenzene	0.50 U	ug/L
32105	Dibromochloromethane	0.50 U	ug/L
34496	1,1-Dichloroethane	0.50 U	ug/L
34531	1,2-Dichloroethane	0.50 U	ug/L
34501	1,1-Dichloroethene	0.50 U	ug/L
34546	trans-1,2-Dichloroethene	0.50 U	ug/L
34541	1,2-Dichloropropane	0.50 U	ug/L
34704	cis-1,3-Dichloropropene	0.50 U	ug/L
34699	trans-1,3-Dichloropropene	0.50 U	ug/L
34371	Ethylbenzene	0.50 U	ug/L
34423	Methylene chloride	0.50 U	ug/L
34516	1,1,2,2-Tetrachloroethane	0.50 U	ug/L
34475	Tetrachloroethene	0.50 U	ug/L
34506	1,1,1-Trichloroethane	0.50 U	ug/L
34511	1,1,2-Trichloroethane	0.50 U	ug/L
39180	Trichloroethene	0.50 U	ug/L
78131	Toluene	0.50 U	ug/L
39175	Vinyl chloride	0.50 U	ug/L
81551	Xylenes (total)	0.50 U	ug/L
34488	Trichlorofluoromethane	0.50 U	ug/L

Comments(1): None

Sample ID: 202023/97-NOV-21-77-04 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-1
Collected: 18-NOV-1997 11:45 By: K.D'ARCY
Authorized: 10-DEC-1997 By: Kerry Tate
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-VOC-MS
Volatiles in wtr or waste wtr by EPA 624/5030-8260
Prepared: NA By:
Analyzed: 24-NOV-1997 21:05 By: Joel Nagle
Authorized: 10-DEC-1997 By: Kerry Tate

Storet#	Analyte	Value	Units
78124	Benzene	0.50 U	ug/L
32101	Bromodichloromethane	0.50 U	ug/L
32104	Bromoform	0.50 U	ug/L
34413	Bromomethane	0.50 U	ug/L
32102	Carbon tetrachloride	0.50 U	ug/L
34301	Chlorobenzene	0.50 U	ug/L
34311	Chloroethane	0.50 U	ug/L
34576	2-Chloroethylvinyl ether	0.50 U	ug/L
32106	Chloroform	0.50 U	ug/L
34418	Chloromethane	0.50 U	ug/L
34536	1,2-Dichlorobenzene	0.50 U	ug/L
34566	1,3-Dichlorobenzene	0.50 U	ug/L
34571	1,4-Dichlorobenzene	0.50 U	ug/L
32105	Dibromochloromethane	0.50 U	ug/L
34496	1,1-Dichloroethane	0.50 U	ug/L
34531	1,2-Dichloroethane	0.50 U	ug/L
34501	1,1-Dichloroethene	0.50 U	ug/L
34546	trans-1,2-Dichloroethene	0.50 U	ug/L
34541	1,2-Dichloropropane	0.50 U	ug/L
34704	cis-1,3-Dichloropropene	0.50 U	ug/L
34699	trans-1,3-Dichloropropene	0.50 U	ug/L
34371	Ethylbenzene	0.50 U	ug/L
34423	Methylene chloride	0.50 U	ug/L
34516	1,1,2,2-Tetrachloroethane	0.50 U	ug/L
34475	Tetrachloroethene	0.50 U	ug/L
34506	1,1,1-Trichloroethane	0.50 U	ug/L
34511	1,1,2-Trichloroethane	0.50 U	ug/L
39180	Trichloroethene	0.50 U	ug/L
78131	Toluene	0.50 U	ug/L
39175	Vinyl chloride	0.50 U	ug/L
81551	Xylenes (total)	0.50 U	ug/L
34488	Trichlorofluoromethane	0.50 U	ug/L

Comments(1): None

Sample ID: 202025/97-NOV-21-77-06 Matrix: W-TRIP-BLK
Location: DEP CHEM LAB
Field ID: TRIP BLK
Collected: 18-NOV-1997 11:05 By: AMZAD
Authorized: 10-DEC-1997 By: Kerry Tate
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments: LOT # 97-0730-05

Analysis ID: W-VOC-MS-A
Volatiles in wtr or waste wtr by 624/5030-8260
Prepared: NA By:
Analyzed: 24-NOV-1997 22:31 By: Joel Nagle
Authorized: 10-DEC-1997 By: Kerry Tate

Storet#	Analyte	Value	Units
78124	Benzene	0.50 U	ug/L
32101	Bromodichloromethane	0.50 U	ug/L
32104	Bromoform	0.50 U	ug/L
34413	Bromomethane	0.50 U	ug/L
32102	Carbon tetrachloride	0.50 U	ug/L
34301	Chlorobenzene	0.50 U	ug/L
34311	Chloroethane	0.50 U	ug/L
34576	2-Chloroethylvinyl ether	0.50 U	ug/L
32106	Chloroform	0.50 U	ug/L
34418	Chloromethane	0.50 U	ug/L
34536	1,2-Dichlorobenzene	0.50 U	ug/L
34566	1,3-Dichlorobenzene	0.50 U	ug/L
34571	1,4-Dichlorobenzene	0.50 U	ug/L
32105	Dibromochloromethane	0.50 U	ug/L
34496	1,1-Dichloroethane	0.50 U	ug/L
34531	1,2-Dichloroethane	0.50 U	ug/L
34501	1,1-Dichloroethene	0.50 U	ug/L
34546	trans-1,2-Dichloroethene	0.50 U	ug/L
34541	1,2-Dichloropropane	0.50 U	ug/L
34704	cis-1,3-Dichloropropene	0.50 U	ug/L
34699	trans-1,3-Dichloropropene	0.50 U	ug/L
34371	Ethylbenzene	0.50 U	ug/L
34423	Methylene chloride	0.50 U	ug/L
34516	1,1,2,2-Tetrachloroethane	0.50 U	ug/L
34475	Tetrachloroethene	0.50 U	ug/L
34506	1,1,1-Trichloroethane	0.50 U	ug/L
34511	1,1,2-Trichloroethane	0.50 U	ug/L
39180	Trichloroethene	0.50 U	ug/L
78131	Toluene	0.66 I	ug/L
39175	Vinyl chloride	0.50 U	ug/L
81551	Xylenes (total)	0.50 U	ug/L
34488	Trichlorofluoromethane	0.50 U	ug/L

Comments(1): None

QUALITY CONTROL REPORT
Job ID: 97-NOV-21-77

%Rec	Precision %RPD		Analyte	LFB %Rec		Matrix Spike	
	Test ID						
	LFB	SPK, SMP					
	W-VOC-SS		Benzene	95.1	94.2	100	100
	1.0	0.4					
	W-VOC-SS		Bromodichloromethane	102	99.3	100	105
	2.6	4.5					
	W-VOC-SS		Bromoform	93.6	83.5	94.9	89.1
	11.4	6.3					
	W-VOC-SS		Carbon tetrachloride	107	106	105	110
	1.1	4.4					
	W-VOC-SS		Chlorobenzene	94.0	86.5	100	95.6
	8.3	4.9					
	W-VOC-SS		Chloroform	103	103	102	105
	0.1	3.6					
	W-VOC-SS		Dibromochloromethane	97.7	93.1	97.7	97.0
	4.9	0.7					
	W-VOC-SS		1,1-Dichloroethane	105	105	104	110
	0.0	5.2					
	W-VOC-SS		1,2-Dichloroethane	101	103	102	104
	1.2	1.9					
	W-VOC-SS		1,1-Dichloroethene	106	108	109	115
	1.8	5.6					
	W-VOC-SS		trans-1,2-Dichloroethene	110	110	108	108
	0.2	0.1					
	W-VOC-SS		1,2-Dichloropropane	102	95.5	101	100
	6.7	0.8					
	W-VOC-SS		cis-1,3-Dichloropropene	103	98.0	101	104
	4.5	2.8					
	W-VOC-SS		trans-1,3-Dichloropropene	102	96.1	99.4	98.5
	6.0	0.9					
	W-VOC-SS		Ethylbenzene	89.2	88.3	101	98.0
	0.9	3.4					
	W-VOC-SS		Methylene chloride	105	105	107	109
	0.3	2.6					
	W-VOC-SS		1,1,2,2-Tetrachloroethane	94.1	85.5	103	96.0
	9.6	6.9					
	W-VOC-SS		Tetrachloroethene	90.3	82.0	93.8	82.8
	9.6	12.4					
	W-VOC-SS		1,1,1-Trichloroethane	108	105	105	110
	3.1	4.3					
	W-VOC-SS		1,1,2-Trichloroethane	97.8	89.7	101	101
	8.7	0.1					
	W-VOC-SS		Trichloroethene	101	95.5	97.8	101
	5.6	3.6					
	W-VOC-SS		Toluene	93.2	86.7	104	94.9
	7.2	8.9					
	W-VOC-SS		Xylenes (total)	87.9	86.4	95.7	94.9
	1.7	0.8					

* Precision results are derived from duplicate samples (SMP), duplicate matrix spikes (SPK) or duplicate lab fortified blanks (LFB).

***** END OF REPORT *****

Sample ID: 202004/97-NOV-21-70-01 Matrix: W-SURF-FRH
 Location: MATERIALS RECYCLING FACILITIES
 Field ID: SARASOTA MRP
 Collected: 18-NOV-1997 11:05 By: K.D'ARCY
 Authorized: 8-JAN-1998 By: Kerry Tate
 Type: Grab Sample
 Lab Comments: TEMP=4DC
 Field Comments:

Analysis ID: W-BNA
 Base/Neutrals and Acids analysis for water or waste water by EPA 625
 Prepared: 25-NOV-1997 09:00 By: Kevin Jakob
 Analyzed: 23-DEC-1997 00:29 By: Jin-Chuan Liu
 Authorized: 8-JAN-1998 By: Kerry Tate

Storet#	Analyte	Value	Units
34205	Acenaphthene	0.98 U	ug/L
34200	Acenaphthylene	0.98 U	ug/L
39330	Aldrin	1.5 U	ug/L
34220	Anthracene	0.98 U	ug/L
	Azobenzene/1,2-Diphenylhydrazine	0.98 U	ug/L
34526	Benzo(a)anthracene	0.98 U	ug/L
34230	Benzo(b)fluoranthene	0.98 U	ug/L
34242	Benzo(k)fluoranthene	0.98 U	ug/L
34247	Benzo(a)pyrene	0.98 U	ug/L
34521	Benzo(g,h,i)perylene	2.5 U	ug/L
34292	Butyl benzyl phthalate	4.9 U	ug/L
39337	alpha-BHC	1.5 U	ug/L
39338	beta-BHC	1.5 U	ug/L
39340	gamma-BHC	1.5 U	ug/L
34259	delta-BHC	1.5 U	ug/L
39120	Benzidine	98 U	ug/L
34273	Bis(2-chloroethyl)ether	0.98 U	ug/L
34278	Bis(2-chloroethoxy)methane	0.98 U	ug/L
34283	Bis(2-chloroisopropyl)ether	4.4 U	ug/L
39100	Bis(2-ethylhexyl)phthalate	15 U	ug/L
34636	4-Bromophenyl phenyl ether	0.98 U	ug/L
34581	2-Chloronaphthalene	0.98 U	ug/L
34641	4-Chlorophenyl phenyl ether	0.98 U	ug/L
34320	Chrysene	0.98 U	ug/L
39310	4,4'-DDD	1.5 U	ug/L
39320	4,4'-DDE	1.5 U	ug/L
39300	4,4'-DDT	2.9 U	ug/L
34556	Dibenzo(a,h)anthracene	0.98 U	ug/L
39110	Di-n-butyl phthalate	4.9 U	ug/L
34536	1,2-Dichlorobenzene	0.98 U	ug/L
34566	1,3-Dichlorobenzene	0.98 U	ug/L
34571	1,4-Dichlorobenzene	0.98 U	ug/L
34631	3,3'-Dichlorobenzidine	2.9 U	ug/L

202004/97-NOV-21-70-01/W-BNA

Continued on Page 3

202004/97-NOV-21-70-01/W-BNA

Continued from Page 2

Storet#	Analyte	Value	Units
39380	Dieldrin	1.5 U	ug/L
34336	Diethyl phthalate	0.98 U	ug/L
34341	Dimethyl phthalate	0.98 U	ug/L
34611	2,4-Dinitrotoluene	0.98 U	ug/L
34626	2,6-Dinitrotoluene	0.98 U	ug/L
34596	Di-n-octyl phthalate	0.98 U	ug/L
34361	Endosulfan I	4.9 U	ug/L
34356	Endosulfan II	4.9 U	ug/L
34351	Endosulfan sulfate	2.9 U	ug/L
39390	Endrin	3.9 U	ug/L
34366	Endrin aldehyde	3.9 U	ug/L
34376	Fluoranthene	0.98 U	ug/L
34381	Fluorene	0.98 U	ug/L
39410	Heptachlor	2.0 U	ug/L
39420	Heptachlor epoxide	1.5 U	ug/L
39700	Hexachlorobenzene	0.98 U	ug/L
34391	Hexachlorobutadiene	0.98 U	ug/L
34396	Hexachloroethane	2.9 U	ug/L
34386	Hexachlorocyclopentadiene	2.9 U	ug/L
34403	Indeno(1,2,3-cd)pyrene	3.9 U	ug/L
34408	Isophorone	0.98 U	ug/L
34696	Naphthalene	0.98 U	ug/L
34447	Nitrobenzene	0.98 U	ug/L
34438	N-Nitrosodimethylamine	2.0 U	ug/L
34428	N-Nitrosodi-n-propylamine	0.98 U	ug/L
34433	N-Nitrosodiphenylamine	0.98 U	ug/L
34671	PCB-1016	290 U	ug/L
39488	PCB-1221	290 U	ug/L
39492	PCB-1232	290 U	ug/L
39496	PCB-1242	290 U	ug/L
39500	PCB-1248	290 U	ug/L
39504	PCB-1254	290 U	ug/L
39508	PCB-1260	290 U	ug/L
34461	Phenanthrene	0.98 U	ug/L
34469	Pyrene	0.98 U	ug/L
39400	Toxaphene	490 U	ug/L
34551	1,2,4-Trichlorobenzene	0.98 U	ug/L
34462	4-Chloro-3-methylphenol	0.98 U	ug/L
34586	2-Chlorophenol	0.98 U	ug/L
34601	2,4-Dichlorophenol	0.98 U	ug/L
34606	2,4-Dimethylphenol	2.9 U	ug/L
34616	2,4-Dinitrophenol	15 U	ug/L
34657	2-Methyl-4,6-dinitrophenol	2.9 U	ug/L
34591	2-Nitrophenol	0.98 U	ug/L
34646	4-Nitrophenol	3.9 U	ug/L
39032	Pentachlorophenol	2.9 U	ug/L
34694	Phenol	0.98 U	ug/L
34621	2,4,6-Trichlorophenol	0.98 U	ug/L
Comments (1) Tentative identification: total organic acids, est. 7E2 ug/L.			
(2) There was insufficient sample for preparation of matrix spikes.			

202004/97-NOV-21-70-01/W-BNA

Continued on Page 4

202006/97-NOV-21-70-03/W-BNA

Continued from Page 7

Storet#	Analyte	Value	Units
34469	Pyrene	9.8 U	ug/L
39400	Toxaphene	4900 U	ug/L
34551	1,2,4-Trichlorobenzene	9.8 U	ug/L
34462	4-Chloro-3-methylphenol	9.8 U	ug/L
34586	2-Chlorophenol	9.8 U	ug/L
34601	2,4-Dichlorophenol	9.8 U	ug/L
34606	2,4-Dimethylphenol	29 U	ug/L
34616	2,4-Dinitrophenol	150 U	ug/L
34657	2-Methyl-4,6-dinitrophenol	29 U	ug/L
34591	2-Nitrophenol	9.8 U	ug/L
34646	4-Nitrophenol	39 U	ug/L
39032	Pentachlorophenol	29 U	ug/L
34694	Phenol	34 I	ug/L
34621	2,4,6-Trichlorophenol	9.8 U	ug/L
Comments (1) Tentative identification: total organic acids, est. 4E3 ug/L.			
(2) There was insufficient sample for preparation of matrix spikes.			
(3) Precision of 2-nitrophenol and phenol is outside routine statistical limits.			
(4) The MDLs are elevated due to required dilution of the sample matrix.			

Sample ID: 202007/97-NOV-21-70-04 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-1
Collected: 18-NOV-1997 11:45 By: K.D'ARCY
Authorized: 8-JAN-1998 By: Kerry Tate
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-BNA
Base/Neutrals and Acids analysis for water or waste water by EPA 625
Prepared: 25-NOV-1997 09:00 By: Kevin Jakob
Analyzed: 23-DEC-1997 01:18 By: Jin-Chuan Liu
Authorized: 8-JAN-1998 By: Kerry Tate

Storet#	Analyte	Value	Units
34205	Acenaphthene	0.95 U	ug/L
34200	Acenaphthylene	0.95 U	ug/L
39330	Aldrin	1.4 U	ug/L
34220	Anthracene	0.95 U	ug/L
	Azobenzene/1,2-Diphenylhydrazine	0.95 U	ug/L

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Storet#	Analyte	Value	Units
34526	Benzo(a)anthracene	0.95 U	ug/L
34230	Benzo(b)fluoranthene	0.95 U	ug/L
34242	Benzo(k)fluoranthene	0.95 U	ug/L
34247	Benzo(a)pyrene	0.95 U	ug/L
34521	Benzo(g,h,i)perylene	2.4 U	ug/L
34292	Butyl benzyl phthalate	4.8 U	ug/L
39337	alpha-BHC	1.4 U	ug/L
39338	beta-BHC	1.4 U	ug/L
39340	gamma-BHC	1.4 U	ug/L
34259	delta-BHC	1.4 U	ug/L
39120	Benzidine	95 U	ug/L
34273	Bis(2-chloroethyl)ether	0.95 U	ug/L
34278	Bis(2-chloroethoxy)methane	0.95 U	ug/L
34283	Bis(2-chloroisopropyl)ether	4.3 U	ug/L
39100	Bis(2-ethylhexyl)phthalate	14 U	ug/L
34636	4-Bromophenyl phenyl ether	0.95 U	ug/L
34581	2-Chloronaphthalene	0.95 U	ug/L
34641	4-Chlorophenyl phenyl ether	0.95 U	ug/L
34320	Chrysene	0.95 U	ug/L
39310	4,4'-DDD	1.4 U	ug/L
39320	4,4'-DDE	1.4 U	ug/L
39300	4,4'-DDT	2.9 U	ug/L
34556	Dibenzo(a,h)anthracene	0.95 U	ug/L
39110	Di-n-butyl phthalate	4.8 U	ug/L
34536	1,2-Dichlorobenzene	0.95 U	ug/L
34566	1,3-Dichlorobenzene	0.95 U	ug/L
34571	1,4-Dichlorobenzene	0.95 U	ug/L
34631	3,3'-Dichlorobenzidine	2.9 U	ug/L
39380	Dieldrin	1.4 U	ug/L
34336	Diethyl phthalate	0.95 U	ug/L
34341	Dimethyl phthalate	0.95 U	ug/L
34611	2,4-Dinitrotoluene	0.95 U	ug/L
34626	2,6-Dinitrotoluene	0.95 U	ug/L
34596	Di-n-octyl phthalate	0.95 U	ug/L
34361	Endosulfan I	4.8 U	ug/L
34356	Endosulfan II	4.8 U	ug/L
34351	Endosulfan sulfate	2.9 U	ug/L
39390	Endrin	3.8 U	ug/L
34366	Endrin aldehyde	3.8 U	ug/L
34376	Fluoranthene	0.95 U	ug/L
34381	Fluorene	0.95 U	ug/L
39410	Heptachlor	1.9 U	ug/L
39420	Heptachlor epoxide	1.4 U	ug/L
39700	Hexachlorobenzene	0.95 U	ug/L
34391	Hexachlorobutadiene	0.95 U	ug/L
34396	Hexachloroethane	2.9 U	ug/L
34386	Hexachlorocyclopentadiene	2.9 U	ug/L
34403	Indeno(1,2,3-cd)pyrene	3.8 U	ug/L
34408	Isophorone	0.95 U	ug/L
34696	Naphthalene	0.95 U	ug/L
34447	Nitrobenzene	0.95 U	ug/L
34438	N-Nitrosodimethylamine	1.9 U	ug/L

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Storet#	Analyte	Value	Units
34428	N-Nitrosodi-n-propylamine	0.95 U	ug/L
34433	N-Nitrosodiphenylamine	0.95 U	ug/L
34671	PCB-1016	290 U	ug/L
39488	PCB-1221	290 U	ug/L
39492	PCB-1232	290 U	ug/L
39496	PCB-1242	290 U	ug/L
39500	PCB-1248	290 U	ug/L
39504	PCB-1254	290 U	ug/L
39508	PCB-1260	290 U	ug/L
34461	Phenanthrene	0.95 U	ug/L
34469	Pyrene	0.95 U	ug/L
39400	Toxaphene	480 U	ug/L
34551	1,2,4-Trichlorobenzene	0.95 U	ug/L
34462	4-Chloro-3-methylphenol	0.95 U	ug/L
34586	2-Chlorophenol	0.95 U	ug/L
34601	2,4-Dichlorophenol	0.95 U	ug/L
34606	2,4-Dimethylphenol	2.9 U	ug/L
34616	2,4-Dinitrophenol	14 U	ug/L
34657	2-Methyl-4,6-dinitrophenol	2.9 U	ug/L
34591	2-Nitrophenol	0.95 U	ug/L
34646	4-Nitrophenol	3.8 U	ug/L
39032	Pentachlorophenol	2.9 U	ug/L
34694	Phenol	0.95 U	ug/L
34621	2,4,6-Trichlorophenol	0.95 U	ug/L
Comments (1) There was insufficient sample for preparation of matrix spikes.			
(2) Precision of 2-nitrophenol and phenol is outside routine statistical limits.			

Sample ID: 202008/97-NOV-21-70-05 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-2 (24044)
Collected: 19-NOV-1997 14:30 By: K.D'ARCY
Authorized: 8-JAN-1998 By: Kerry Tate
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-BNA
Base/Neutrals and Acids analysis for water or waste water by EPA 625
Prepared: 25-NOV-1997 09:00 By: Kevin Jakob
Analyzed: 23-DEC-1997 02:07 By: Jin-Chuan Liu
Authorized: 8-JAN-1998 By: Kerry Tate

Storet#	Analyte	Value	Units
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QUALITY CONTROL REPORT
Job ID: 97-NOV-21-70

%Rec	Precision %RPD		Analyte	LFB %Rec		Matrix Spike
	Test ID					
	LFB	SPK, SMP				
	W-BNA		Acenaphthene	79.0	72.9	
	8.1					
	W-BNA		1,4-Dichlorobenzene	58.0	54.0	
	7.1					
	W-BNA		2,4-Dinitrotoluene	75.4	71.8	
	4.8					
	W-BNA		N-Nitrosodi-n-propylamine	83.4	78.2	
	6.5					
	W-BNA		Pyrene	100	95.8	
	3.9					
	W-BNA		1,2,4-Trichlorobenzene	53.6	50.8	
	5.5					
	W-BNA		4-Chloro-3-methylphenol	68.7	57.1	
	18.4					
	W-BNA		2-Chlorophenol	82.0	69.5	
	16.4					
	W-BNA		4-Nitrophenol	30.8	20.1	
	41.9					
	W-BNA		Pentachlorophenol	117	109	
	6.8					
	W-BNA		Phenol	40.0	27.0	
	38.6					

* Precision results are derived from duplicate samples (SMP), duplicate matrix spikes (SPK) or duplicate lab fortified blanks (LFB).

***** END OF REPORT *****

Sample ID: 201983/97-NOV-21-66-01 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: SARASOTA MRP
Collected: 18-NOV-1997 11:05 By: K.D'ARCY
Authorized: 18-DEC-1997 By: Julio J. Arrecis
Type: Grab Sample
Lab Comments: TEMP=4DC/PH<2
Field Comments:

Analysis ID: HG-H-W
Mercury in liquid samples by Method 245.1 (modified)
Prepared: 5-DEC-1997 11:30 By: Tanya Denis
Analyzed: 8-DEC-1997 12:04 By: Felix A. Akinade
Authorized: 9-DEC-1997 By: TM Chandrashekar

Storet#	Analyte	Value	Units
71900	Mercury	0.10 U	ug/L
Comment	None		

Analysis ID: W-ICP-23
ICP multielement analysis of aqueous samples by Method 200.7
Prepared: 4-DEC-1997 08:30 By: Markeista E. Brown
Analyzed: 8-DEC-1997 12:46 By: Brett Organ
Authorized: 18-DEC-1997 By: Julio J. Arrecis

Storet#	Analyte	Value	Units
01105	Aluminum	1770	ug/L
01002	Arsenic	40 U	ug/L
01097	Antimony	20 U	ug/L
01007	Barium	62.3	ug/L
01012	Beryllium	0.5 U	ug/L
01027	Cadmium	5 U	ug/L
00916	Calcium	0	mg/L
01034	Chromium	32	ug/L
01037	Cobalt	5 U	ug/L
01042	Copper	35	ug/L
01045	Iron	1.64E+04	ug/L
01051	Lead	25 U	ug/L
00927	Magnesium	0	mg/L
01055	Manganese	173	ug/L
01067	Nickel	8 I	ug/L
00937	Potassium	0	mg/L
01147	Selenium	50 U	ug/L
01077	Silver	4 U	ug/L
00929	Sodium	82.5	mg/L

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Storet#	Analyte	Value	Units
01082	Strontium	213	ug/L
01059	Thallium	100 U	ug/L
01087	Vanadium	21	ug/L
01092	Zinc	337	ug/L
Comment	None		

Sample ID: 201984/97-NOV-21-66-02 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: R R S
Collected: 18-NOV-1997 13:35 By: K.D'ARCY
Authorized: 18-DEC-1997 By: Julio J. Arrecis
Type: Grab Sample
Lab Comments: TEMP=4DC/PH<2
Field Comments:

Analysis ID: HG-H-W
Mercury in liquid samples by Method 245.1 (modified)
Prepared: 9-DEC-1997 11:00 By: Tanya Denis
Analyzed: 10-DEC-1997 10:24 By: Felix A. Akinade
Authorized: 11-DEC-1997 By: TM Chandrashekar

Storet#	Analyte	Value	Units
71900	Mercury	3.8	ug/L
Comment	Reported result confirmed on Dec. 08, 1997		

Analysis ID: W-ICP-23
ICP multielement analysis of aqueous samples by Method 200.7
Prepared: 4-DEC-1997 08:30 By: Markeista E. Brown
Analyzed: 8-DEC-1997 12:52 By: Brett Organ
Authorized: 18-DEC-1997 By: Julio J. Arrecis

Storet#	Analyte	Value	Units
01105	Aluminum	1.34E+04	ug/L
01002	Arsenic	100 U	ug/L
01097	Antimony	20 U	ug/L
01007	Barium	424	ug/L
01012	Beryllium	0.5 I	ug/L
01027	Cadmium	16	ug/L
00916	Calcium	0	mg/L
01034	Chromium	160	ug/L

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201985/97-NOV-21-66-03 Continued from Page 4

Analysis ID: W-ICP-23

ICP multi-element analysis of aqueous samples by Method 200.7

Prepared: 4-DEC-1997 08:30 By: Markeista E. Brown

Analyzed: 8-DEC-1997 12:57 By: Brett Organ

Authorized: 18-DEC-1997 By: Julio J. Arrecis

Storet#	Analyte	Value	Units
01105	Aluminum	2.84E+04	ug/L
01002	Arsenic	40 U	ug/L
01097	Antimony	20 U	ug/L
01007	Barium	492	ug/L
01012	Beryllium	0.6 I	ug/L
01027	Cadmium	5 U	ug/L
00916	Calcium	0	mg/L
01034	Chromium	64	ug/L
01037	Cobalt	7 I	ug/L
01042	Copper	117	ug/L
01045	Iron	1.86E+04	ug/L
01051	Lead	264	ug/L
00927	Magnesium	0	mg/L
01055	Manganese	836	ug/L
01067	Nickel	37	ug/L
00937	Potassium	0	mg/L
01147	Selenium	50 U	ug/L
01077	Silver	4 U	ug/L
00929	Sodium	34.5	mg/L
01082	Strontium	1350	ug/L
01059	Thallium	100 U	ug/L
01087	Vanadium	55	ug/L
01092	Zinc	1040	ug/L
Comment	None		

Sample ID: 201986/97-NOV-21-66-04 Matrix: W-EQPMT-BK

Location: MATERIALS RECYCLING FACILITIES

Field ID: EQUIP BLK-1

Collected: 18-NOV-1997 11:45

By: K.D'ARCY

Authorized: 18-DEC-1997

By: Julio J. Arrecis

Type: Grab Sample

Lab Comments: TEMP=4DC/PH<2

Field Comments:

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Analysis ID: HG-H-W

Mercury in liquid samples by Method 245.1 (modified)

Prepared: 5-DEC-1997 11:30 By: Tanya Denis

Analyzed: 8-DEC-1997 12:04 By: Felix A. Akinade

Authorized: 9-DEC-1997 By: TM Chandrashekar

Storet#	Analyte	Value	Units
71900	Mercury	0.10 U	ug/L
Comment	None		

Analysis ID: W-ICP-23

ICP multielement analysis of aqueous samples by Method 200.7

Prepared: 4-DEC-1997 08:30 By: Markeista E. Brown

Analyzed: 5-DEC-1997 18:16 By: Brett Organ

Authorized: 18-DEC-1997 By: Julio J. Arrecis

Storet#	Analyte	Value	Units
01105	Aluminum	25 U	ug/L
01002	Arsenic	40 U	ug/L
01097	Antimony	20 U	ug/L
01007	Barium	1 U	ug/L
01012	Beryllium	0.5 U	ug/L
01027	Cadmium	5 U	ug/L
00916	Calcium	0	mg/L
01034	Chromium	10 U	ug/L
01037	Cobalt	5 U	ug/L
01042	Copper	8 U	ug/L
01045	Iron	10 U	ug/L
01051	Lead	25 U	ug/L
00927	Magnesium	0	mg/L
01055	Manganese	2 U	ug/L
01067	Nickel	7 U	ug/L
00937	Potassium	0	mg/L
01147	Selenium	50 U	ug/L
01077	Silver	4 U	ug/L
00929	Sodium	0.2 U	mg/L
01082	Strontium	1 U	ug/L
01059	Thallium	100 U	ug/L
01087	Vanadium	4 U	ug/L
01092	Zinc	10 U	ug/L
Comment	None		

QUALITY CONTROL REPORT
Job ID: 97-NOV-21-66

%Rec	Precision %RPD Test ID LFB SPK, SMP	Analyte	LFB %Rec	Matrix Spike
	HG-H-W 3.6	Mercury		113 109
	HG-H-W 11.0	Mercury		103 92.5
	W-ICP-23 1.8	Aluminum		92.9
	W-ICP-23 10.0	Arsenic		91.3 101
	W-ICP-23 3.6	Antimony		95.3 98.8
	W-ICP-23 2.0	Barium		96.9 97.1
	W-ICP-23 1.1	Beryllium		103 104
	W-ICP-23 2.4	Cadmium		102 105
	W-ICP-23 0.4	Chromium		103 103
	W-ICP-23 1.5	Cobalt		104 102
	W-ICP-23 5.6	Copper		100 106
	W-ICP-23 4.5	Iron		104
	W-ICP-23 2.2	Iron		100
	W-ICP-23 3.2	Lead		96.9 93.8
	W-ICP-23 2.3	Manganese		96.8 92.8
	W-ICP-23 0.1	Nickel		100 100
	W-ICP-23 2.2	Selenium		108 105
	W-ICP-23 1.0	Silver		99.1 100
	W-ICP-23 1.7	Sodium		112
	W-ICP-23 1.1	Sodium		105
	W-ICP-23 0.7	Strontium		94.2 93.9
	W-ICP-23 1.1	Thallium		109 110
	W-ICP-23 3.2	Vanadium		91.6 88.1
	W-ICP-23 1.4	Zinc		100 98.4

* Precision results are derived from duplicate samples (SMP), duplicate matrix spikes (SPK) or duplicate lab fortified blanks (LFB).

***** END OF REPORT *****

Sample ID: 201967/97-NOV-21-64-01 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: SARASOTA MRP
Collected: 18-NOV-1997 11:05 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-TDS
Total dissolved solids in water by Method 160.1
Prepared: NA By:
Analyzed: 25-NOV-1997 09:10 By: Xenia M. Sanders
Authorized: 2-DEC-1997 By: Mehrzad Emad

Storet#	Analyte	Value	Units
70300	TDS	717	mg/L
Comment	None		

Sample ID: 201968/97-NOV-21-64-02 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: R R S
Collected: 18-NOV-1997 13:35 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-TDS
Total dissolved solids in water by Method 160.1
Prepared: NA By:
Analyzed: 25-NOV-1997 09:10 By: Xenia M. Sanders
Authorized: 2-DEC-1997 By: Mehrzad Emad

Storet#	Analyte	Value	Units
70300	TDS	2960	mg/L
Comment	None		

Sample ID: 201969/97-NOV-21-64-03 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: LAKELAND (24043)
Collected: 19-NOV-1997 14:00 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-TDS
Total dissolved solids in water by Method 160.1
Prepared: NA By:
Analyzed: 25-NOV-1997 09:05 By: Xenia M. Sanders
Authorized: 2-DEC-1997 By: Mehrzad Emad

Storet#	Analyte	Value	Units
70300	TDS	1750 A	mg/L
Comment	None		

Sample ID: 201970/97-NOV-21-64-04 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-1
Collected: 18-NOV-1997 11:45 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-TDS
Total dissolved solids in water by Method 160.1
Prepared: NA By:
Analyzed: 25-NOV-1997 09:15 By: Xenia M. Sanders
Authorized: 2-DEC-1997 By: Mehrzad Emad

Storet#	Analyte	Value	Units
70300	TDS	15 U	mg/L
Comment	None		

Sample ID: 201974/97-NOV-21-64-08 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: LAKE LAND (24043)
Collected: 19-NOV-1997 14:00 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC/PH<2
Field Comments:

Analysis ID: W-NH3
Ammonia analysis of water by Method 350.1
Prepared: NA By:
Analyzed: 10-DEC-1997 14:00 By: Toraj Ebrahimizadeh
Authorized: 15-DEC-1997 By: Dawn Dolbee

Storet#	Analyte	Value	Units
00610	Ammonia-N	4.8	mg N/L
Comment	None		

Analysis ID: W-NO2NO3
Nitrite + nitrate analysis of water by Method 353.2
Prepared: NA By:
Analyzed: 15-DEC-1997 10:24 By: Virginia Leavell
Authorized: 23-DEC-1997 By: Colin Wright

Storet#	Analyte	Value	Units
00630	NO2NO3-N	0.37	mg N/L
Comment	None		

Sample ID: 201975/97-NOV-21-64-09 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-1
Collected: 18-NOV-1997 11:45 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC/PH<2
Field Comments:

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Analysis ID: W-NH3

Ammonia analysis of water by Method 350.1

Prepared: NA

By:

Analyzed: 10-DEC-1997 14:00

By: Toraj Ebrahimizadeh

Authorized: 15-DEC-1997

By: Dawn Dolbee

Storet#	Analyte	Value	Units
00610	Ammonia-N	0.010 U	mg N/L
Comment	None		

Analysis ID: W-NO2NO3

Nitrite + nitrate analysis of water by Method 353.2

Prepared: NA

By:

Analyzed: 15-DEC-1997 10:24

By: Virginia Leavell

Authorized: 23-DEC-1997

By: Colin Wright

Storet#	Analyte	Value	Units
00630	NO2NO3-N	0.004 U	mg N/L
Comment	None		

Sample ID: 201976/97-NOV-21-64-10 Matrix: W-EQPMT-BK

Location: MATERIALS RECYCLING FACILITIES

Field ID: EQUIP BLK-2

Collected: 19-NOV-1997 14:30

By: K.D'ARCY

Authorized: 24-DEC-1997

By: Colin Wright

Type: Grab Sample

Lab Comments: TEMP=4DC/PH<2

Field Comments:

Analysis ID: W-NH3

Ammonia analysis of water by Method 350.1

Prepared: NA

By:

Analyzed: 10-DEC-1997 14:00

By: Toraj Ebrahimizadeh

Authorized: 15-DEC-1997

By: Dawn Dolbee

Storet#	Analyte	Value	Units
00610	Ammonia-N	0.010 U	mg N/L
Comment	None		

201976/97-NOV-21-64-10 Continued on Page 8

Sample ID: 201971/97-NOV-21-64-05 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-2 (24044)
Collected: 19-NOV-1997 14:30 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: W-TDS
Total dissolved solids in water by Method 160.1
Prepared: NA By:
Analyzed: 25-NOV-1997 09:15 By: Xenia M. Sanders
Authorized: 2-DEC-1997 By: Mehrzad Emad

Storet#	Analyte	Value	Units
70300	TDS	15 U	mg/L
Comment	None		

Sample ID: 201972/97-NOV-21-64-06 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: SARASOTA MRP
Collected: 18-NOV-1997 11:05 By: K.D'ARCY
Authorized: 24-DEC-1997 By: Colin Wright
Type: Grab Sample
Lab Comments: TEMP=4DC/PH<2
Field Comments:

Analysis ID: W-NH3
Ammonia analysis of water by Method 350.1
Prepared: NA By:
Analyzed: 10-DEC-1997 14:00 By: Toraj Ebrahimizadeh
Authorized: 15-DEC-1997 By: Dawn Dolbee

Storet#	Analyte	Value	Units
00610	Ammonia-N	14	mg N/L
Comment	None		

201972/97-NOV-21-64-06 Continued from Page 4

Analysis ID: W-NO2NO3

Nitrite + nitrate analysis of water by Method 353.2

Prepared: NA

By:

Analyzed: 15-DEC-1997 10:24

By: Virginia Leavell

Authorized: 23-DEC-1997

By: Colin Wright

Storet#	Analyte	Value	Units
00630	NO2NO3-N	0.080 U	mg N/L
Comment	Elevated MDL due to sample matrix interference.		

Sample ID: 201973/97-NOV-21-64-07 Matrix: W-SURF-FRH

Location: MATERIALS RECYCLING FACILITIES

Field ID: R R S

Collected: 18-NOV-1997 13:35

By: K.D'ARCY

Authorized: 24-DEC-1997

By: Colin Wright

Type: Grab Sample

Lab Comments: TEMP=4DC/PH<2

Field Comments:

Analysis ID: W-NH3

Ammonia analysis of water by Method 350.1

Prepared: NA

By:

Analyzed: 4-DEC-1997 14:00

By: Toraj Ebrahimizadeh

Authorized: 11-DEC-1997

By: Dawn Dolbee

Storet#	Analyte	Value	Units
00610	Ammonia-N	21	mg N/L
Comment	None		

Analysis ID: W-NO2NO3

Nitrite + nitrate analysis of water by Method 353.2

Prepared: NA

By:

Analyzed: 15-DEC-1997 10:24

By: Virginia Leavell

Authorized: 23-DEC-1997

By: Colin Wright

Storet#	Analyte	Value	Units
00630	NO2NO3-N	0.080 U	mg N/L
Comment	Elevated MDL due to sample matrix interference.		

31-DEC-1997

Page 9 of 9

QUALITY CONTROL REPORT
Job ID: 97-NOV-21-64

%Rec	Precision %RPD		Analyte	LFB %Rec	Matrix Spike
	Test ID				
	LFB	SPK, SMP			
-----	-----	-----	-----	-----	
	W-TDS	TDS			
		0.5			
	W-NH3	Ammonia-N		97.2	102
		1.0			
	W-NH3	Ammonia-N		93.3	95.6
		2.4			
	W-NO2NO3	NO2NO3-N		87.2	
		4.1			

* Precision results are derived from duplicate samples (SMP), duplicate matrix spikes (SPK) or duplicate lab fortified blanks (LFB).

***** END OF REPORT *****

Sample ID: 201993/97-NOV-21-68-01 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: SARASOTA MRP
Collected: 18-NOV-1997 11:05 By: K.D'ARCY
Authorized: 14-JAN-1998 By: Kate Brackett
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: OV-OIL-GRS

Prepared: NA By:
Analyzed: 10-DEC-1997 00:00 By: Savannah Laboratory
Authorized: 14-JAN-1998 By: Kate Brackett

Storet#	Analyte	Value	Units
00556	Oil and Grease	5.3	mg/L
Comment	None		

Sample ID: 201994/97-NOV-21-68-02 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: R R S
Collected: 18-NOV-1997 13:35 By: K.D'ARCY
Authorized: 14-JAN-1998 By: Kate Brackett
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: OV-OIL-GRS

Prepared: NA By:
Analyzed: 10-DEC-1997 00:00 By: Savannah Laboratory
Authorized: 14-JAN-1998 By: Kate Brackett

Storet#	Analyte	Value	Units
00556	Oil and Grease	58	mg/L
Comment	None		

Sample ID: 201995/97-NOV-21-68-03 Matrix: W-SURF-FRH
Location: MATERIALS RECYCLING FACILITIES
Field ID: LAKELAND (24043)
Collected: 19-NOV-1997 14:00 By: K.D'ARCY
Authorized: 14-JAN-1998 By: Kate Brackett
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: OV-OIL-GRS

Prepared: NA By:
Analyzed: 10-DEC-1997 00:00 By: Savannah Laboratory
Authorized: 14-JAN-1998 By: Kate Brackett

Storet#	Analyte	Value	Units
00556	Oil and Grease	7.1	mg/L
Comment	None		

Sample ID: 201996/97-NOV-21-68-04 Matrix: W-EQPMT-BK
Location: MATERIALS RECYCLING FACILITIES
Field ID: EQUIP BLK-1
Collected: 18-NOV-1997 11:45 By: K.D'ARCY
Authorized: 14-JAN-1998 By: Kate Brackett
Type: Grab Sample
Lab Comments: TEMP=4DC
Field Comments:

Analysis ID: OV-OIL-GRS

Prepared: NA By:
Analyzed: 10-DEC-1997 00:00 By: Savannah Laboratory
Authorized: 14-JAN-1998 By: Kate Brackett

Storet#	Analyte	Value	Units
00556	Oil and Grease	5.0 K	mg/L
Comment	K - Value is known to be less than reported result.		

Transmit Confirmation Report

No. : 003
Receiver : 8-1-941-486-2620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Oct 21 98 8:17
Time : 01'02
Mode : Norm
Pages : 02
Result : OK

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

10/21/98

Number of pages including cover sheet:

2

To:

GARY BARNETT
WRE TRIPLET
SARASOTA COUNTY

Phone:

941 4862600

Fax phone:

941 4862620

CC:

From:

Jim Farris

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

WRE APPROVAL



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

October 20, 1998

Mr. Mark Triplett, P.E.
Sarasota County
Solid Waste Operations
4000 Knights Trail Road
Nokomis, FL 34275

Re: MRF - CCSWDC
Certification of Construction Completion
Permit No.: 134912-001-SO, Sarasota County

Dear Mr. Triplett:

On October 20, 1998, an inspection of the above referenced facility relative to construction completion and adherence to the permit issued by the Florida Department of Environmental Protection (FDEP) was made by Mark Triplett and Gary Bennett (Sarasota County), Leonard Myers and Jim Gabbert (Myers and Gabbert), and Kim Ford (FDEP).

Certification of Construction Completion dated October 5, 1998 was received by the Department on October 6, 1998. Based on the survey submitted October 6, 1998, the construction inspection, FDEP approves the certification of the above referenced facility in accordance with the conditions of the current permit #134912-001-SO.

Operation is authorized by the current permit and is subject to its conditions.

If you have any questions you may call me at (813) 744-6100, extension 382.

Sincerely,

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

KBF/ab

cc: Gary Bennett, Sarasota County
Robert Butera, P.E., FDEP Tampa

for



Solid Waste Permit
QA/QC Construction Inspection Form

Facility: MRF - CC SWDC

Inspecting Engineer: Ken Ford

Date Inspected: 10/20/98

Inspection Type:	Construction
	Permitting
	QA/QC
	<input type="checkbox"/>
	<input checked="" type="checkbox"/>

Facility Type: Classified MRF

Facility looks Good .
All system - pumps
operational

(must DELETE CARPET & FURNITURE from
SINCE FOR UNACCEPTABLE WASTE, install
which connects for hoses, and make
SURE WOOD & CONCRETE ARE LOCATED CORRECTLY)

Fill out the above documenting all inspections of facilities for
permitting and/or construction QA/QC purposes. Please place in
my basket within 3 days of inspections.

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

10/13/98

Number of pages including cover sheet:

2

To:

Larry Bennett

Phone:

941 486-2600

Fax phone:

941 486 2620

CC:

From:

Kim Ford

Phone:

(813) 744-6100

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

Revised Page 1 - Date of Issue 10/12/1998

was inadvertently left off. An original

page 1 will come by US Mail

Sorry for the inconvenience

Kim



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue: 10/12/1998
Expiration Date: 10/01/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E
Project: CCSWDC Materials
Recovery Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction and operation of:

1. materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

Transmit Confirmation Report

No. : 007
Receiver : 819414862620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Oct 13 98 10:47
Time : 01'07
Mode : Norm
Pages : 02
Result : OK

Events Scheduled

40 of 90

Site #: 0134912 Name: SARASOTA CO. CENTRAL COMPLEX MRF
Permit #: 0134912-001-SC Type/Subtype: SC /14 Received: 16-JAN-1998
Project #: 001 Name: SARASOTA CO. CENTRAL MRF

> Receive Request: Done

Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
Receive Request	16-JAN-1998	1	17-JAN-1998		Done	16-JAN-1998
Fee Verification	16-JAN-1998	2	18-JAN-1998		Sufficient	18-JAN-1998
Completeness Review	16-JAN-1998	30	15-FEB-1998		Incomplete	05-FEB-1998
Awaiting Addition	05-FEB-1998	45	22-MAR-1998		Received	03-APR-1998
Completeness Review	03-APR-1998	30	03-MAY-1998		Incomplete	28-APR-1998
Awaiting Addition	28-APR-1998	45	12-JUN-1998		Received	21-JUL-1998
Completeness Review	21-JUL-1998	30	20-AUG-1998		Default	21-AUG-1998
Determine Age	21-JUL-1998	90	19-OCT-1998		Issue	10-SEP-1998
Mail Public	10-SEP-1998	10	20-SEP-1998		Done	10-SEP-1998
Date of Publication	10-SEP-1998	999	05-JUN-2001		Published	11-SEP-1998
Issue Final	11-SEP-1998	14	25-SEP-1998		Issued	12-OCT-1998

Help

Count: 11

v

<Replace>

perMits	Events	Payment	Site	Facility	partY	Reports	
----- Permitting Application -----							
+----- SITE Permit -----+							
Site Name: SARASOTA CO. CENTRAL COMPLEX MRF						Site #: 0134912	
County: SARASOTA		Comments: N RPAs: N # Cases: 0					
+----- Project -----+							
Permit #:0134912-001-SC Project #: 001 Logged:22-JAN-1998 CRA #: 16503							
Permit Office: SWD (DISTRICT)				Agency Action: Issued			
Project Name: SARASOTA CO. CENTRAL MRF				Desc:			
Type/Sub/Des: SC /14 MATERIALS REC FAC				COE #:			
Received: 16-JAN-1998		Issued: 12-OCT-1998		Expires: 12-OCT-2003		OGC:	
Fee: 2000.00		Fee Recd: 2000.00		Dele:		Override: NONE	
+----- Related Party -----+							
Role: APPLICANT		Begin: 22-JAN-1998		End:			
Name: Not Available		Company: SARASOTA CNTY SOLID WASTE					
Addr: 8350 BEE RIDGE RD							
City: SARASOLTA		State: FL		Zip: 34241-		Country: USA	
Phone: 941-316-1166		Fax:					
+----- Processors -----+							
Processor: FORD K		Y Active: 22-JAN-1998 Inactive:					
+-----							

Count: *1

<Replace>

permits	Events	Payment	Site	Facility	party	Reports	>
----- Permitting Application -----							
----- SITE Permit -----							
Site Name: SARASOTA CO. CENTRAL COMPLEX MRF						Site #: 0134912	
County: SARASOTA		Comments: RPAs: # Cases:					
----- Project -----							
Permit #: - -		Project #: 001 Logged: 22-JAN-1998 CRA #:					
Permit Office: SWD (DISTRICT)		Agency Action: Pending					
Project Name: SARASOTA CO. CENTRAL MRF		Desc:					
Type/Sub/Des: SC /14 MATERIALS REC FAC		COE #:					
Received: 16-JAN-1998		Issued:		Expires:			
Fee: 2000.00 Fee Recd:		Dele:		Override: NONE			
----- Related Party -----							
Role: APPLICANT		Begin: 22-JAN-1998		End:			
Name: Not Available		Company: SARASOTA CNTY SOLID WASTE					
Addr: 8350 BEE RIDGE RD							
City: SARASOLTA		State: FL Zip: 34241-		Country: USA			
Phone: 941-316-1166		Fax:					
----- Processors -----							
Processor: FORD_K		Y Active: 22-JAN-1998 Inactive:					

Press [ENTQRY] or [INSREC]							
Count: *1							

<Replace>

AREA: SWD

Cash Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: \$2,000.00

-----+-----
SYS\$REMT: 225801 Type: CP Recvd Date: 16-JAN-1998 Status: RECEIVED
SYS\$RCPT: 182431 PNR: Check #: 627918 Amount: 2,000.00
SSN/FEI#: Name: SARASOTA COUNTY/BD OF CO COMMI
First: Middle: Title: Suf:
Address1: 8350 BEE RIDGE RD Short Comments:
Address2: L-CCSWDC C&D RECYCLING
City: SARASOTA ST: FL Zip: 34241- Country:
-----+-----

-----> P A Y M E N T (S) <-----+-----

Distr	CL	Object	Payment	Applic/	S
	Area..	Code/Description.....	Amount.....	Reference#	T
				Fund	A
SYS\$PAYT	234466	SWD 002244 SOLID WASTE-CON	\$2,000.00	134912-1 PA PFTF	CO

-----+-----
COMMIT FREQUENTLY \$2,000.00 Payment total
Press <TAB> to accept Collection Point or enter F&A.
Count: *1

<Replace>



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

October 12, 1998

NOTICE OF PERMIT

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

Re: C&D Debris Recycling Facility - MRF

Dear Mr. Bennett:

Enclosed is Permit Number 134912-001-SO, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to the Order (permit) has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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

KBF/ab
Attachment

cc: Robert Butera, P.E., FDEP Tampa

Sarasota County
Mr. Gary Bennett
Permit No.: 134912-001-SO

October 12, 1998
Page Two

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on Oct 12, 1998 to the listed persons.

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

Lenna Blak
Clerk

10/12/98
Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue: 10/12/1998
Expiration Date: 10/01/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E
Project: CCSWDC Materials
Recovery Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction and operation of:

1. materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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

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

GENERAL CONDITIONS:

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

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

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a materials recovery facility (MRF) for materials recovery, sorting and recycling of construction and demolition debris and some Class III waste materials, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-4 and 62-701, Florida Administrative Code.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the materials recovery facility and related systems in accordance with the reports, plans and other information as follows:

- January 1998 Permit Application received on January 16, 1998;
- October 1998 Operations and Maintenance Manual and construction drawings received on October 6, 1998;

and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any construction or operation not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

4. **Permit Renewal.** No later than **one hundred eighty (180) days** before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

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

- a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer in charge of construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

SPECIFIC CONDITIONS:

- b. The owner or operator shall submit Record Drawings showing all changes (i.e. additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations). The Record Drawings shall include, but not be limited to, details such as the as-built elevations of the floors and leachate collection piping.
 - c. The owner or operator shall submit a narrative indicating all changes in plans and the cause of the deviations and certification by the design engineer to the Department.
- 7. **Facility Operation Requirements.**
 - a. The permittee shall operate this facility in accordance with F.A.C. Rules 62-701.700 and 62-701.730 (attached), and the October 1998 Operations and Maintenance Manual, and any other applicable requirements.
 - b. Unprocessed materials (except clean concrete and clean wood) shall be unloaded and stored inside the leachate containment area prior to processing.
 - c. Litter shall be collected at least once daily on operating days.
 - d. All incoming wastes and materials shall be handled on a first-in, first-out basis. In the event of equipment breakdown or scheduled maintenance, the permittee shall ensure that sufficient reserve equipment is operating at the site **within 72 hours** of the occurrence or the facility shut down.
 - e. If the facility has reached its permitted storage capacity for any area, the permittee shall not accept additional waste or materials for processing or disposal until sufficient capacity has been restored.
- 8. **Operation Plan and Operating Record.** A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.
- 9. **Operating Personnel.** A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operation plan to adequately operate the facility.
- 10. **Material Management and Storage.**
 - a. Materials shall be stored as indicated in Table 1. and Figure 2. of the October 1998 Operations and Maintenance Manual.
 - b. Mixed loads and unsorted waste materials shall be stored inside the leachate containment area.

SPECIFIC CONDITIONS:

c. Unauthorized wastes shall be handled, stored and removed from the site in accordance with Sections 1.0 and 5.0 the October 1998 Operations and Maintenance Manual.

d. All processed residuals (waste and non-recoverable, non-recyclable materials) shall be stored in areas with leachate collection or in covered containers, and shall be removed to an appropriately permitted disposal facility daily on operating days.

e. Recyclable clean wood shall not include wood which has been treated (e.g. creosote, pressure-treated, CCA, etc.) or painted.

f. Clean wood shall be removed from the site for recycling or disposal within six months of receipt.

g. The owner or operator shall remove from the site, 75% of all stored materials each year, for recycling or disposal.

h. All Class I materials and unprocessed residuals shall be stored in areas with leachate collection or in covered containers and shall be disposed of at least once each week, or more often if necessary.

11. Waste Records.

a. The owner or operator of the materials recovery facility shall record, in tons (or cubic yards) per day, the amount of material received. The following information shall be compiled monthly and submitted to the Department quarterly, by January 15th, April 15th, July 15th and October 15th of each year.

- (a) The total quantities, in tons (or cubic yards), of all mixed loads and unprocessed waste and materials received, stored on-site and removed from the site;
- (b) The quantities in tons (or cubic yards) of each of the processed materials listed in Table 1. (attached), which are stored on-site and the quantities which have been removed for recycling or disposal;
- (c) The quantity in tons (or cubic yards) of all Class I waste, and all other residuals and unacceptable wastes which are stored on-site, and have been removed from the site for disposal.

12. Drainage and Leachate Management.

a. All liquids from incoming, unprocessed wastes and materials, and from residuals shall be contained within the leachate containment area and leachate collection systems. Floors shall be free of standing liquids.

SPECIFIC CONDITIONS:

b. The leachate collection drains shall be inspected for damage and clogging **daily** on operating days. Accumulated debris shall be removed immediately. Documentation that the drains, sumps, cleanouts and tanks have been inspected and cleaned shall be maintained at the facility, and shall be provided to the Department upon request.

c. The entire tipping and sorting area shall be cleared of waste, recyclables and residue, and cleaned at least once each week. The truck loading area shall be cleared of residue and cleaned at least once each week. All washdown water from these areas shall be contained within the leachate collection systems.

13. **Stormwater Management.** The site shall have a surface water management system operated and maintained to prevent surface water flow on to processing and storage areas, and a stormwater runoff control system operated and maintained to collect and control stormwater to meet the requirements of Florida Administrative Code Rule 62-330, any other applicable Department rules, and the requirements of the respective water management district.

14. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d).

15. **Financial Assurance.** The permittee shall maintain compliance with financial assurance requirements for the MRF in accordance with F.A.C. 62-701.700(4) and 62-701.730(11), including adjusted cost estimates and proof that the financial mechanism has been adequately funded, either separately or as part of the financial assurance specified in the current landfill operation permit, **annually, by September 1st of each year.**

16. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

17. **Fire Safety.** A fire safety survey shall be conducted **annually** which includes a statement from the local fire protection authorities that the site meets the requirements of the local fire protection authorities. This report shall be submitted upon request. This report shall indicate that all noted deficiencies have been corrected and approved by the local fire protection authorities.

SPECIFIC CONDITIONS:

18. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the operation. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

19. **Facility Maintenance and Repair.** In the event of damage to any portion of the site facilities, processing equipment, and leachate collection system, or failure of any portion of the associated systems, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

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

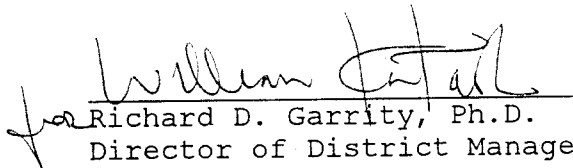
21. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

22. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

23. **Regulations.** F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


for Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

PERMITTEE: Sarasota County

PERMIT NO.: 4912-001-SO
CCSWDC Materials Recovery Facility

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
6.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.
11.	Quarterly, by January 15th, April 15th, July 15th and October 15th	Waste Quantity Reports
15.	Annually, by September 1st	Submit revised cost estimates and submit proof of funding

Figure 2. Process and Leachate Flow Schematic

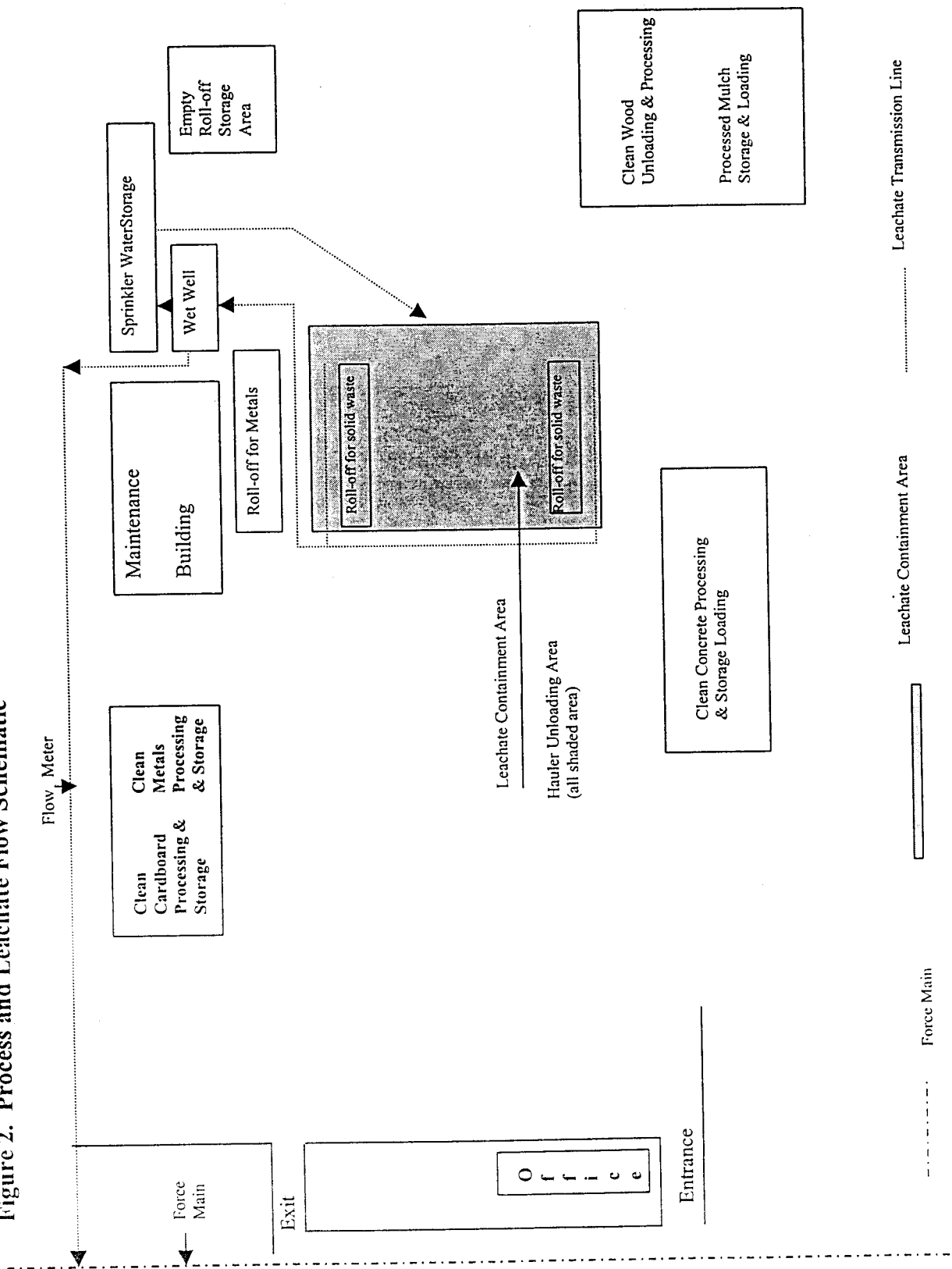
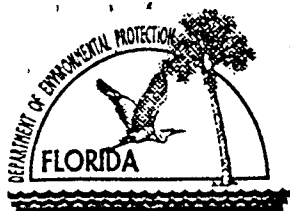


Table 1. Storage Area Capacities

Material	Dimensions ¹	Volume	Mass
Mixed Waste ²	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #1 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Finished Product ⁵	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Clean Cardboard ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁷	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁸	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁹	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons
Totals		27,165 cu. yds.	8,604 tons

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 – 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Finished Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the push wall and the edge of the leachate containment pad.
6. Clean Cardboard = 0.073 tons/cu. yd.
7. Clean Metals = 0.10 tons/cu. yd.
8. Clean Concrete = 0.555 tons/cu. yd.
9. Clean Wood = 0.10 tons/cu. yd.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, FL 32399-2400
Annual Report for C & D Debris Facilities
(due April 1, of each year for preceding calendar year)

DEP Form # 62-701.900 (7)
Form Title: Annual Report for C&D
Facility _____
Effective Date: 12-23-96
DEP Application
No: _____

1. Name of Facility: _____
2. Company Name: _____
3. Mailing Address: _____
4. County Location: _____
(address if different from mailing address)
5. County of Origin: _____
(where materials came from)
6. Company Contact: _____
(individual responsible for information on this
form and phone number)

MATERIAL TYPES	MATERIALS RECOVERED	TOTAL TONS RECOVERED
<u>PAPER</u>	Old Corrugated Containers (OCC) Mixed Paper	_____ _____ Subtotal Paper: _____
<u>PLASTIC</u>	Plastic Bottles All Other Plastic	_____ _____ Subtotal Plastic: _____
<u>METALS</u>	Aluminum Other Non-Ferrous (e.g. brass, copper, etc.) Steel Cans Other Ferrous	_____ _____ _____ Subtotal Metals: _____
<u>TEXTILES</u>	Miscellaneous	_____ Subtotal Textiles: _____
<u>OTHER MATERIALS</u>	Concrete, Brick Fines Wood Asphalt Drywall Roofing Products (shingles)	_____ _____ _____ _____ _____ Subtotal Other: _____

8. TOTAL TONS OF MATERIALS RECOVERED: _____
9. TOTAL TONS OF C & D MATERIALS RECOVERED: _____
10. TOTAL TONS DISPOSED: _____

Signature (authorized Representative)

Title

Date

NOTE: Use one of these forms for each county from which the facility received materials for recovery.

INSTRUCTIONS FOR ANNUAL REPORTING OF CONSTRUCTION AND DEMOLITION (C&D) DEBRIS FACILITIES

A) GENERAL

The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900 (7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1998, and shall cover the proceeding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730, F.A.C.

B) REPORTING FORM INSTRUCTIONS

The following instructions are for the **C&D DEBRIS FACILITIES REPORTING FORM**.

For each facility listed in item 5 of the Certification Application Form, fill out a separate reporting form for each county from which the facility received recyclable materials. Please make additional copies of this form as necessary.

ALL ANNUAL REPORTING FORMS, once completed, shall be mailed to the following address:

*Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Station # 4570
Waste Reduction Section
Tallahassee, Florida 32399-2400*

-
- 1) **Name of Facility:** The name of the reporting entity which is engaged in recycling activities (as on Permit).
 - 2) **Company Name:** This is the name of the individual facility at the address in item 3 below. If the facility does not have a name to differentiate it from other facilities owned or operated by your company or business, use the business name.
 - 3) **Mailing Address:** This is the actual street address, including city, of the facility (not post office box).
 - 4) **County Location:** The name of the County in which the facility is physically located.
 - 5) **County of Origin:** The County from which the recyclable materials were received.
 - 6) **Company Contact:** Person responsible for the permit. This person should be able to answer all questions pertaining to the permit, including materials handled at facility.
 - 7) **Total Tons of Recycled Material:** Total of the category subtotals. This should be reported in short tons (2,000 pounds = one short ton).
 - 8) **Total Tons of C&D Recycled Materials:** Enter the total tons of all recyclable materials handled at the facility. On this line include tons of recovered materials reported in item 7 above plus other recyclable materials not on form.
 - 9) **Total Tons of Solid Waste Disposed:** Enter the total tons or estimated amount, to the best of your knowledge, of solid waste which was transferred from the facility for disposal, or collected by a solid waste hauler. This should also be material that could not be used for recycling purposes. Level of service information, e.g., size of solid waste container and frequency of collection, will satisfy this requirement and may be entered on this line, in the event that total tons or volume cannot be determined. **THIS ITEM IS TO BE FILLED OUT ONLY IF THE COUNTY AS SHOWN IN ITEM 5 IS THE SAME AS THE COUNTY AS SHOWN IN ITEM 4 ABOVE.**

62-701.700 Materials Recovery Facilities.

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;

2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and

3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority 403.061, 403.704, FS.

Law Implemented 403.702, 403.704, 403.707, FS.

History -- New 1-6-93. Amended 5-19-94, Formerly 62-701.700.

62-701.730 Construction and Demolition Debris Disposal and Recycling.

(1) Applicability.

(a) No person shall construct or operate an off-site construction and demolition debris disposal facility without a permit issued by the Department. Except as otherwise specifically provided in this rule, such facilities which were constructed or operated in accordance with a general permit issued by the Department on or before June 1, 1996, may continue to operate in accordance with that general permit in accordance with the following schedule:

1. Owners or operators of facilities operating under a general permit issued prior to May 1, 1992, shall submit a timely and sufficient permit application that complies with this section by March 1, 1997.

2. Owners or operators of facilities operating under a general permit issued between May 1, 1992 and April 1, 1993, shall submit a timely and sufficient permit application that complies with this section at least 60 days prior to the expiration date of that general permit. A complete permit application shall be submitted no later than April 1, 1998.

3. Owners or operators of facilities operating under a general permit issued after April 1, 1993, shall, by April 1, 1998, either submit a complete permit application that complies with this section, or shall:

a. Submit a ground water monitoring plan that complies with the requirements of Paragraph (4)(b) of this section, and a hydrogeological investigation which complies with the requirements of Subparagraph (2)(a)3 of this section, along with a \$500 processing fee as required by Rule 62-4.050(4)(h)33. The plan shall be implemented within 90 days of submittal;

b. Submit a notification of intent to modify a general permit as provided in Sub-paragraph (1)(a)4 of this section; and

c. Submit financial assurance documentation that complies with the requirements of Subsection (11) of this section.

4. For owners or operators of facilities operating under a general permit issued after April 1, 1993, a modification to that general permit is hereby granted under the following conditions:

a. A person wishing to continue to operate the facility in accordance with a modified general permit shall notify the Department on Form 62-701.900(8).

b. The notification shall include documentation which demonstrates how the applicant is complying or will comply with the requirements of Subsections (6) through (10) of this section. Information which was submitted to the Department to support the existing general permit and which is still valid does not need to be re-submitted. Instead, the notification shall list the information and reaffirm that it is still valid.

c. The notification shall include a \$250 processing fee.

d. The modification to the general permit shall have the effect of allowing the applicant to continue to operate under that general permit, but shall not have the effect of changing the expiration date of that general permit. At least 60 days prior to the expiration date, the applicant shall submit a timely

and sufficient permit application that complies with the requirements of this section.

5. Notwithstanding the compliance deadlines specified above, the operation requirements in subsection (7) of this section and the training requirements in subsection (8) of this section shall be complied with no later than May 1, 1997.

6. Notwithstanding the compliance deadlines specified above, the annual report required in subsection (12) of this section shall be submitted no later than April 1, 1998.

(b) After the applicable compliance deadline specified above, facilities shall operate only in accordance with the provisions of this section. However, disposal units which were constructed and operated under a general permit, and which received a significant amount of waste in accordance with that general permit prior to the applicable compliance deadline, are not required to comply with any siting or construction design requirements of this chapter which were not in effect prior to the applicable compliance deadline. For purposes of this subsection:

1. A "significant amount of waste" means that the disposal area has received sufficient waste for disposal, in accordance with its normal operational plan, so that it is impractical to remove that waste or to relocate or reconstruct the disposal area.

2. "Siting or construction design requirements" do not include the hydrogeological investigation required by Rule 62-701.730(2)(a)3., F.A.C., or the ground water monitoring plan required by Rule 62-701.730(4)(b), F.A.C.

(c) A disposal facility which ceases accepting waste prior to the compliance deadline specified above shall close in accordance with the provisions of its general permit.

(d) A permit application which complies with the provisions of this section is required for any lateral expansion of a construction and demolition debris disposal unit after June 1, 1996, notwithstanding the compliance schedule above.

(e) No person shall construct or operate a facility which accepts construction and demolition debris for recycling without a permit issued by the Department. Persons operating materials recovery facilities which accept construction and demolition debris may continue to operate under their existing permits. At the time of renewal of that permit, the requirements of this section shall be complied with.

(f) The provisions of Rule 62-701.320(8)(b), F.A.C., do not apply to construction and demolition debris disposal facility applications. Instead, the Department will provide notice to local governments in accordance with Section 403.707(12)(i)), F.S.

(2) Application. A permit application for an off-site construction and demolition debris disposal facility, disposal unit, or lateral expansion shall be submitted on Form 62-701.900(6) and shall include the information required in Rules 62-701.320(5), (6), (7), and (8)(a), F.A.C., specifically including:

(a) An engineering report, signed and sealed by a professional engineer, that includes:

1. A site plan, of a scale not greater than 200 feet to the inch, which shows the project location and identifies the proposed disposal units, total acreage of the site and of the proposed disposal units, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site, potable water wells on or within 500 feet of the site, and community water systems on or within 1000 feet of the site;
2. A geotechnical investigation which meets the criteria of Rule 62-701.420, F.A.C.
3. A hydrogeological investigation which meets the criteria of Rules 62-701.410(1)(a) and (c), F.A.C.; and
4. An estimate of the planned active life of the facility, the design of the disposal areas, and the design height of the facility;

(b) A boundary survey, legal description, and topographic survey of the property;

(c) An operation plan which describes how the applicant will comply with Rule 62-701.730(7), F.A.C.;

(d) A closure plan which describes generally how the applicant will comply with Rules 62-701.730(9) and (10), F.A.C.;

(e) The financial assurance documentation required by Rule 62-701.730(11), F.A.C.; and

(f) Documentation that the applicant either owns the land or has legal authorization from the land owner to use the land for a disposal facility and to conduct long-term care.

(3) Certification. After completion of construction of a construction and demolition debris disposal facility, and before acceptance of any construction and demolition debris, the engineer of record shall certify to the Department on Form 62-701.900(2) that the permitted construction is complete and that it was done in accordance with the plans submitted to the Department except where minor deviation was necessary. All deviations shall be described in detail and the reasons therefore enumerated. The applicant shall provide at least 7 days advance notice to the Department prior to accepting construction and demolition debris so that the Department has the opportunity to inspect the site.

(4) Other requirements. Except as specified in this section, the requirements of Rules 62-701.330 through 62-701.630, F.A.C., do not apply to construction and demolition debris disposal facilities.

(a) The Department shall not require liners and leachate collection systems at individual facilities unless it demonstrates based upon the types of waste received, methods for controlling the types of waste disposed of, the proximity of ground water and surface water, and the results of the hydrogeological and geotechnical investigations that operation of the facility is reasonably expected to result in violations of ground water standards and criteria otherwise. If the Department determines that a liner and leachate control system may be required, it shall notify the applicant within 30 days of receipt of the information which forms the basis for such a

determination. The applicant may either submit additional information, redesign the facility to include a liner and leachate collection system, or demand that the Department process the application without such additional information or redesign.

(b) A ground water monitoring plan which meets the criteria set forth in Rule 62-701.510 and Chapter 62-522, F.A.C., shall be included with the permit application, and shall be implemented and maintained by the owner or operator, with the following exceptions:

1. If no disposal unit is constructed with a liner and leachate collection system, then leachate sampling is not required.

2. Unless a disposal unit is constructed or operated within 200 feet of a surface water body, or unless site-specific conditions could reasonably be expected to result in contaminants entering a surface water body, surface water sampling is not required. For purposes of this subparagraph, a surface water body does not include a body of water contained completely within the property boundaries of the disposal site that does not discharge from the site to surface waters.

3. The well spacing requirements of Rule 62-701.510(3)(d)3., F.A.C., do not apply. A minimum of one upgradient and two downgradient wells is required, as specified in Chapter 62-522, F.A.C.

4. Detection wells shall be sampled and analyzed at least semi-annually for the following parameters:

Field Parameters

pH
Turbidity
Temperature
Specific conductivity
Dissolved oxygen
Water elevations
Colors and sheens
(by observation)

Laboratory Parameters

Aluminum
Chlorides
Nitrate
Sulfate
Total dissolved solids
Iron
Sodium
Arsenic
Cadmium
Chromium
Lead
Mercury
Ammonia
Phenols

Those parameters listed in
EPA Methods 601 and 602

5. Background water quality shall be sampled and analyzed in accordance with the provisions of Rule 62-701.510(6)(a), F.A.C. In addition, all background and detection wells shall be sampled and analyzed at least once prior to permit renewal for those parameters listed in Rule 62-701.510(8)(a), F.A.C.

6. The owner or operator of the facility may request a permit modification from the appropriate District Office of the Department to delete specific laboratory parameters or field parameters from routine analyses of detection wells and surface water. The Department will grant a request for a permit

modification upon a demonstration that these parameters are not reasonably expected to be in or derived from the waste which was received or disposed of at the facility.

(c) Putrescible household waste shall not be disposed of at a construction and demolition debris disposal facility.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste for disposal or recycling. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

(6) Temporary storage. The owner or operator shall make arrangements or shall have equipment for temporary storage, handling and transport to an authorized disposal or recycling facility for solid waste, other than construction and demolition debris, which is inadvertently accepted by the facility. Such solid waste which is accepted by the facility shall be segregated and disposed of in accordance with Department rules. Unless an alternate schedule is included in an operation plan submitted with the permit application, which provides for the control of odors and vectors, putrescible waste shall not be stored for longer than 48 hours and non-putrescible waste shall not be stored for longer than 30 days. Any hazardous waste which is received by the facility shall be managed in accordance with the provisions of Chapter 62-730, F.A.C.

(7) Operation requirements. Owners and operators of construction and demolition debris disposal facilities shall comply with the following requirements by May 1, 1997, or at the time of permit issuance, whichever is sooner:

(a) An operation plan describing the facility operations and maintenance, emergency and contingency plans, and types of equipment that will be used shall be kept at the facility at all times and made available for inspection. All activities at the facility shall be performed in accordance with this plan and the permit conditions. The plan shall be updated as operations change but no less frequently than upon renewal of the permit. The Department shall be notified of changes to the plan other than those required for routine maintenance.

(b) Construction and demolition debris shall be compacted and sloped as necessary to assure that the requirements of subsection (9) of this section can be met. A schedule for compaction and grading shall be included in the operation plan.

(c) Access to the disposal facility shall be controlled during the active life of the facility by fencing or other effective barriers to prevent disposal of solid waste other than construction and demolition debris.

(d) At least one spotter shall be on duty at the working face to inspect the incoming waste at all times waste is being accepted at the site. Waste must be inspected after it is removed from the transport vehicle and prior to placement for final disposal. Any prohibited material shall be removed from the waste stream and placed into appropriate containers or secure

storage areas for disposal or recycling at a facility authorized by the Department to receive such waste.

(e) The facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C. 90%
conf

(f) Fuels, solvents, lubricants, and other maintenance materials shall be stored in secure areas separate from the disposal or sorting areas.

(8) Training. Owners and operators of facilities shall ensure that operators and spotters employed at the facility are properly trained to operate the facility, and to identify and properly manage any hazardous or prohibited materials which are received at the facility. A training plan shall be included as part of the permit application. The training plan shall either include a list and schedule of those classes offered to the public which will be attended by the facility's operators and spotters, or shall include a description of the facility's in-house training program and a demonstration that this program can be expected to adequately train operators and spotters to operate the facility and to identify and properly manage any hazardous or prohibited materials which are received at the facility. The training plan, along with records documenting how the training plan is being implemented, shall be kept at the facility at all times and be made available for inspection by Department staff. Owners and operators of facilities in operation prior to December 23, 1996, shall comply with this subsection by May 1, 1997, or at the time of permit issuance, whichever is sooner. Within one year of the date that the training plan is submitted to the Department, or within one year of the hiring of any particular operator, each operator shall complete at least 20 hours of training in a course described in the training plan. Within each three-year period after successfully completing the initial training course, each operator shall complete at least 15 hours of continuing training in a course described in the training plan. Spotters must meet the same training requirements as operators except that only 8 hours of initial training and 8 hours of continuing training are required. The Department will maintain a list of relevant training courses which are available in this State.

(9) Closure.

(a) At least 90 days prior to the date when wastes will no longer be accepted, the owner or operator of the construction and demolition debris disposal facility shall submit an updated closure plan to the Department to reflect any changes in the closure plan due to actual operational conditions at the facility.

(b) Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after it has reached its final grade. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall be capable of supporting vegetation, and shall be graded and compacted as necessary to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal units shall be no greater than three feet horizontal to one foot vertical rise. If the disposal unit is lined, the

closure design shall include a barrier layer or other measures to ensure that the design leachate head over the liner is not exceeded after closure.

(c) The owner or operator shall provide a certification of closure construction completion to the Department within 30 days after closing, covering, and seeding the disposal unit. The owner or operator shall also provide a final survey report done by a professional surveyor, in accordance with Rule 62-701.610(3), F.A.C., if disposal operations have raised the final elevations higher than 20 feet above the natural land surface.

(d) Upon receipt of the documents required in paragraph (c) of this subsection, the Department shall, within 30 days, acknowledge by letter that notice of termination of operations and closing of the facility has been received. The date of this letter shall be the official date of landfill closing for the purpose of determining the long-term care period, in accordance with Rule 62-701.610(6), F.A.C.

(10) Long-term care. The owner or operator of the construction and demolition debris disposal facility shall continue to monitor and maintain the facility for five years from the date of closing. This time period shall be extended if assessment monitoring or corrective action has been initiated in accordance with Rule 62-701.510(7), F.A.C., or if site-specific conditions make it likely that any contamination which may emanate from the disposal area would not be detected within five years.

(11) Financial assurance.

(a) The owner or operator of an off-site construction and demolition debris disposal facility shall provide the Department with proof of financial assurance issued in favor of the State of Florida in the amount of the closing and long-term care cost estimates for the facility. This proof, along with the closing and long-term care cost estimates, shall be submitted to the Department as part of the permit application for the facility. Proof of financial assurance shall consist of one or more of the following financial instruments which comply with the requirements of Rule 62-701.630(6), F.A.C.: trust fund; surety bond guaranteeing payment; surety bond guaranteeing performance; irrevocable letter of credit; insurance; and financial test and corporate guarantee. If the owner or operator of the facility is a local government, an escrow account which complies with the requirements of Rule 62-701.630(5), F.A.C., may be used to provide proof of financial assurance. Financial documents shall be submitted on Form 62-701.900(5)(a), (b), (c), (d), (e), (f), (g), or (h), as appropriate.

(b) Closure cost estimates and annual updates thereof shall comply with the provisions of Rules 62-701.630(3) and (4)(a) through (d), F.A.C., except that the cost of long-term care shall be based upon a five-year period, and the costs shall be based upon compliance with this section.

(c) If a local government requires financial assurance for closure, which is at least as stringent as that required by this rule, the Department will attempt to establish a cooperative

mechanism with the local government and thereby avoid duplicative financial requirements.

(12) Annual Reports. The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900(7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1998, and shall cover the preceding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730(1), F.A.C.

(13) Recycling.

(a) The owner or operator of a facility which accepts construction and demolition debris for disposal and which also recovers materials from the construction and demolition debris waste stream for purposes of recycling shall meet the requirements of this section as well as the requirements of Rule 62-701.700, F.A.C. If there is a conflict between this section and Rule 62-701.700, F.A.C., this section shall govern. It is not necessary for the owner or operator to apply for a separate permit as a materials recovery facility or to pay an additional fee.

(b) The owner or operator of a facility which recovers materials from the construction and demolition debris waste stream for purposes of recycling but which does not dispose of any wastes on-site shall apply for a permit on Form 62-701.900(6), and shall comply with the provisions of Rule 62-701.700, F.A.C., with the following exceptions and additions:

1. At least one spotter shall be on duty at all times that waste is received at the site to inspect the incoming waste. Any prohibited material shall be removed from the waste stream and placed into appropriate containers for disposal at a permitted facility in accordance with a schedule submitted as part of the operation plan.

2. The training requirements of subsection (8) of this section apply.

3. The financial assurance requirements of subsection (11) of this section apply, except for those provisions relating to long-term care.

4. The reporting requirements of subsection (12) of this section apply.

5. The requirements of paragraphs (7)(c) and (e) of this section apply. Access to the facility shall be controlled during the active life of the facility, and the facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C.

6. The requirements of Rules 62-701.700(2)(c) and (e), F.A.C., regarding a leachate control system and leachate containment do not apply if all areas which waste is stored and processed are covered by a ground water monitoring system which meets the requirements of paragraph (4)(b) of this section. Owners and operators of facilities which were permitted prior to

January 6, 1993, shall meet the requirements of Rules 62-701.700(2)(c) and (e), F.A.C., or shall meet the requirements of paragraph (4)(b) of this section, at the time of permit renewal.

(c) In order to reuse recovered fines or screened materials other than clean debris from the construction and demolition debris waste stream, an owner or operator shall demonstrate that this material will be managed and reused in a manner that will pose no significant threat to public health or the environment. In making this demonstration, the owner or operator may consider background levels of receiving soils, whether the material will be blended with other materials, and the likelihood that the material may have unlimited distribution or come into direct contact with the public. Examples of management practices which would not require analysis for health-based criteria include permanent encapsulation, use as initial or intermediate cover or subsurface construction at a permitted landfill, or use under at least two feet of clean cover material.

(14) Incineration. A facility which employs an air curtain incinerator and which also stores or disposes of construction and demolition debris at the site shall meet the permitting requirements of Rule 62-256.500, F.A.C., as well as this section.

(15) Clean debris. Clean debris may be used as fill material in any area, including waters of the State, subject to receipt of an environmental resource permit from the Department where applicable. Clean debris used as fill material is not solid waste, and such use does not require a solid waste permit under this rule.

(16) Landfill disposal. Construction and demolition debris may be disposed of in a permitted landfill. However, each county must maintain segregated disposal areas for construction and demolition debris. The cover requirements for a segregated construction and demolition debris disposal area within a permitted landfill shall be those in subsection (9) of this section. Landfills permitted in accordance with Rule 62-701.330, F.A.C., which have construction and demolition debris disposal units or recycling facilities included as part of their permit conditions, are not required to submit separate permit applications or financial assurance documents under this section.

(17) On-site disposal. Construction and demolition debris which is disposed of on the property where it is generated, or on property which is adjacent or contiguous to and under common ownership and control as that property where the waste is generated, is exempt from the permitting requirements of this section and Rule 62-701.330, F.A.C. However, such disposal is subject to the prohibitions of Rule 62-701.300, F.A.C. All waste shall be inspected by the generator or a spotter prior to disposal, either at the point of generation or at the disposal site, to ensure that any prohibited material is removed from the waste stream prior to disposal and managed in accordance with Department rules. Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after final receipt of waste. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall

be capable of supporting vegetation, and shall be graded and compacted as necessary to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal areas shall be no greater than three feet horizontal to one foot vertical rise.

(18) Disposal restrictions. Construction and demolition debris may be disposed of only in accordance with one of the methods authorized above. In addition, disposal areas shall be operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized.

(19) Asbestos waste disposal. Asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, shall not be disposed of in a construction and demolition debris disposal unit.

(20) Fees. The fee for a permit to construct, operate, and close a construction and demolition debris disposal facility, including facilities that also recycle, is \$2500. The fee for a permit to construct, operate, and close a construction and demolition debris recycling facility is \$2000. The fee for renewing a disposal or recycling facility permit which does not involve additional construction is \$1000. The fee for renewing a disposal or recycling facility permit involving only long-term care is \$250.

(21) Alternate procedures. The owner or operator of a facility may request alternate procedures and requirements in accordance with Rule 62-701.310, F.A.C. However, if such request is based upon the nature of the construction and demolition debris accepted at the facility (for example, if a facility accepts only segregated wastes which are expected to have a minimal environmental impact), the request will be submitted to and acted on by the appropriate District office of the Department, and need not be accompanied by any additional fee.

Specific Authority 403.0877, 403.704, 403.707, FS.
Law Implemented 403.0877, 403.706, 403.707, FS.
History New 8-2-89; Formerly 62-701.061; Amended 1-6-93, Formerly 62-701.730, amended 12-23-96, 4-23-97.

Memorandum

Florida Department of Environmental Protection

PERMIT COVER MEMO

TO: X RICK GARRITY, Director of District Management

FROM/THROUGH:

William Kutash ENVIRONMENTAL ADMINISTRATOR
Bob Butera 9/3/98 SUPERVISOR 10/12/98
Kim Ford 9/3/98 ENGINEER 10/7/98

DATE:

FILE NAME: Sarasota C&D Debris MRF PERMIT #: 134912-001-SO
PROGRAM : Solid Waste COUNTY : Sarasota

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

PUBLIC NOTICE PERIOD CLOSED? Yes PETITION FILED? NO

PERMIT SUMMARY: This permit is to allow the construction and subsequent operation of a materials recovery facility (MRF) located at the existing Sarasota County new Landfill site. The facility will contain all leachate on a concrete surface and pump the leachate to the landfill leachate tanks or reuse the leachate in the C&D debris grinding/processing. The ground-up C&D debris will be used as initial cover on the landfill. Financial assurance is provided for all sorting, processing and storage areas.

PROFESSIONAL RECOMMENDATION: X APPROVE DENY

EVALUATION SUMMARY: The application was received on January 16, 1998. Two deficiency letters were sent, and responses received on April 3 and July 21, 1998. Revised construction plans and operations manual were received on August 31, 1998.

This application was deemed complete on **July 21, 1998.**

Day 90/30 for this Action is October 20, 1998.

CERTIFICATION

SARASOTA County CID DEBRIS MRF
134912-001-50

Application No.

I HEREBY CERTIFY that the engineering features described in the above referenced application (provide / ~~do not provide~~) reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title ⁶²17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical and structural features).

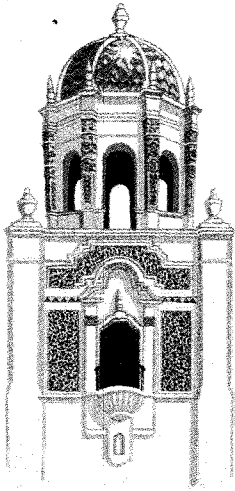


(Signed)

9/3/98

(Date)

(Seal)



**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

**Utilities Department
Solid Waste Operations Division**

4000 Knights Trail Road
Nokomis, Florida 34275
Telephone (941) 486-2600
FAX (941) 486-2620

October 5, 1998



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

Re: Central County Solid Waste Disposal Complex
Construction & Demolition Debris Recycling Facility (MRF)
Pending Permit Number 134912-001-SC, Sarasota County

Dear Mr. Ford:

Enclosed are the revised operations plan reflecting the change from a construction and demolition debris to a Class III materials recovery facility, record drawings and the certification of construction completion including a narrative discussing one minor deviation from the previously submitted plans and the proposed schedule for commencement of operations. The revisions to the operations plan have been made in accordance with the telephone conversations and fax communications between the Department and this office between September 9 and October 2, 1998.

Please contact me if you have any questions regarding this submittal.

Sincerely,

Mark Triplett, P.E.
Solid Waste Operations Division

RMT

Enclosures

cc: Robert J. Butera, P.E. - FDEP, Tampa (without drawings)
James F. Gabbert - Meyer & Gabbert Excavating Contractors, Inc.



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

DEP Form # 62-001-0002
Form Title Certification of Construction Completion
Effective Date May 19, 1996
DEP Application No. _____
(Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

RECEIVED
OCT 06 1998
SOUTHWEST DISTRICT

DEP Construction Permit No: 134912-001-SO County: Sarasota
Name of Project: Central County Solid Waste Disposal Complex Materials Recovery Facility
Name of Owner: Sarasota County / Meyer & Gabbert Excavating Contractors, Inc.
Name of Engineer: Weber Engineering and Surveying, Inc.
Type of Project: Class III Materials Recovery Facility

Cost: Estimate \$ \$350,000.00 Actual \$ pending
Site Design: Quantity: Approximately 200 ton/day Site Acreage: approx. 4.5 Acres
Deviations from Plans and Application Approved by DEP: see attached narrative

Address and Telephone No. of Site: 4000 Knights Trail Road
Nokomis, Florida 34275

Name(s) of Site Supervisor: James F. Gabbert, President

Date Site inspection is requested: Monday, October 12, 1998, 10:00 a.m.

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

Permit No.: 134912-001-SO Dated: September 10, 1998

Date: October 5, 1998

Robert M. F. Zuplett
Signature of Professional Engineer
FL No. 53435

Page 1 of 1

Northwest District
60 Governmental Center
Panama, FL 32501-5794
904-444-8360

Northeast District
7825 Baymeadows Way, Ste. B200
Jacksonville, FL 32256-7520
904-448-4300

Central District
3319 Maguire Blvd., Ste. 332
Orlando, FL 32803-3767
407-854-7555

Southwest District
3804 Coconut Palm Dr.
Tampa, FL 33519
813-744-6100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33507-3881
941-332-8375

Southeast District
400 North Congress Ave.
West Palm Beach, FL 33401
561-881-8600

**Central County Solid Waste Disposal Complex
Class III Materials Recovery Facility
Permit Number 134912-001-SO**

Deviation Narrative

The following deviations from the plans and application were made during construction.

1. The type of pumps used has changed and they are now located on top of the tanks. The specifications and control diagrams and included as Appendix Eight of the Operations and Maintenance Manual.
2. The covered area for clean metals and clean cardboard processing will be relocated immediately prior to commencing operations. This is estimated to be Monday, November 2, 1998. We will continue to operate the facility at the Bee Ridge Landfill through October 1998 so that all customers can be notified of the change. These materials will be managed on the leachate containment pad in the interim.
3. The maintenance building is not expected to be erected until early November 1998. This is because of the lead time in obtaining the building components. In the interim, vehicle maintenance will be performed using the mobile equipment service unit as described in the Operations and Maintenance Manual.
4. The actual construction cost has not been determined. It will be finalized upon completion of the maintenance building.



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue:
Expiration Date: 09/15/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E

Project: ~~Construction and~~
~~Demolition Debris~~
~~Receiving Facility~~
~~Waste~~

CCSWDC
Materials Recovery

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a ~~construction and demolition debris~~ materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction of:

1. ~~C&D debris~~ materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

ALSO
#81
151

Date:

9/22/98

Number of pages including cover sheet:

3

To:

MARK TRIPLETT
GARY BENNETT

SARASOTA COUNTY

Phone:

941 4862600

Fax phone:

941 4862620

CC:

From:

Fun Food

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

mark/gary

3 REVISED SPECIFIC CONDITIONS
AFTER REVIEWING THE RULES, I
FOUND THAT YOUR MRF WILL COMPLY
WITH OUR CHILD RULES FOR 2

#10 OPERATION & TRAINING

#12 WASTE QUANTITY REPORTING

#16 FINANCIAL - DATES REVISED

to MATCH WITH LANDFILL

Any Comments?

Fun

RB

SPECIFIC CONDITIONS:

DRAFT

10. **Operating Personnel.** A trained operator shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operations plan to adequately operate the facility. At least one trainer spotter shall be at the tipping/unloading area at all times when waste is received. In accordance with Rule 62-701.703(8), F.A.C., the owner or operator shall ensure that each operator shall received 20 hours of initial training and 15 hours of continued training within three years of the operator's initial training, and each spotter shall received 8 hours of initial training and 8 hours of continued training within three years of the spotter's initial training.

11. **Material Management and Storage.**

a. Materials shall be stored as indicated in Table 1. and Figure 2. of the August 1998 Operations and Maintenance Manual.

b. Mixed loads and unsorted waste materials shall be stored inside the leachate containment area.

c. Unauthorized wastes shall be handled, stored and removed from the site in accordance with Sections 1.0 and 5.0 the August 1998 Operations and Maintenance Manual.

d. All processed residuals (waste and non-recoverable, non-recyclable materials) shall be stored in areas with leachate collection or in covered containers, and shall be removed to an appropriately permitted disposal facility daily on operating days.

e. Recyclable clean wood shall not include wood which has been treated (e.g. creosote, pressure-treated, CCA, etc.) or painted.

f. Clean wood shall be removed from the site for recycling or disposal within six months of receipt.

g. The owner or operator shall remove from the site, 75% of all stored materials each year, for recycling or disposal.

h. All Class I materials and unprocessed residuals shall be stored in areas with leachate collection or in covered containers and shall be disposed of at least once each week, or more often if necessary.

DRAFT

SPECIFIC CONDITIONS:

12. **Waste Records.** The owner or operator of the facility shall record, in tons (or cubic yards) per day, the amount of waste debris and material received. **Annually, by April 1st of each year,** the owner or operator shall submit the Annual Report for C&D Debris Facilities, FDEP Form 62-701.900(7) attached, which includes a summary of the amounts and types of waste received and the amounts and types of wastes disposed of or recycled.

13. **Drainage and Leachate Management.**

a. All liquids from incoming, unprocessed wastes and materials, and from residuals shall be contained within the leachate containment area and leachate collection systems. Floors shall be free of standing liquids.

b. The leachate collection drains shall be inspected for damage and clogging **daily** on operating days. Accumulated debris shall be removed immediately. Documentation that the drains, sumps, cleanouts and tanks have been inspected and cleaned shall be maintained at the facility, and shall be provided to the Department upon request.

c. The entire tipping and sorting area shall be cleared of waste, recyclables and residue, and cleaned at least once each week. The truck loading area shall be cleared of residue and cleaned at least once each week. All washdown water from these areas shall be contained within the leachate collection systems.

14. **Stormwater Management.** The site shall have a surface water management system operated and maintained to prevent surface water flow on to processing and storage areas, and a stormwater runoff control system operated and maintained to collect and control stormwater to meet the requirements of Florida Administrative Code Rule 62-330, any other applicable Department rules, and the requirements of the respective water management district.

15. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d).

16. **Financial Assurance.** The permittee shall maintain compliance with financial assurance requirements for the MRF in accordance with F.A.C. 62-701.730(11), either separately or as part of the financial assurance specified in the current landfill operation permit, **annually, by September 1st of each year.**

Transmit Confirmation Report

No. : 005
Receiver : 819414862620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Sep 22 98 12:47
Time : 01'44
Mode : Norm
Pages : 03
Result : OK

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Bob RB
Danele on
fyi

Date:

FAXED
9/22/98

Number of pages including cover sheet:

3

To:

MARK TRIPLETT

GARY BENNETT

SARASOTA COUNTY

Phone:

941 4862600

Fax phone:

941 4862620

CC:

From:

Fun Ford

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

☐ Please comment

HERE'S THE LOGIC PRESENTED AT THE WORKSHOPS

① CARPET IS DEFINED AS A CLASS III ITEM

② IT IS NOT PART OF A STRUCTURE

③ IT IS NOT SPECIFICALLY IDENTIFIED IN
THE CID DEFINITION

④ IT IS ACCEPTABLE IN "DE MINIMIS AMOUNTS"

THEREFORE, IF ONE IS KNOWINGLY
ACCEPTING OTHER THAN "DE MINIMIS
AMOUNTS" OF CARPET OR PADDING WHICH
SHOULD BE PULLED OUT AT THE PROJECT THEN
IT IS NOT CID ONLY

Fun

movement of waste and waste constituents into the environment so that ground water and surface water quality standards and criteria of Chapters 62-3 and 62-302, F.A.C., will not be violated beyond the zone of discharge specified for the landfill.

(2) Minimum ground water criteria. For those landfills or solid waste disposal units which are constructed after January 6, 1993, and which are constructed with at least a double or composite liner, the minimum ground water criteria specified in Rule 62-3.402, F.A.C., shall apply only outside of the footprint of the solid waste disposal unit, or if the unit is surrounded by a perimeter road, outside the perimeter road, notwithstanding the provisions of Rule 62-3.404, F.A.C.

(3) Classification of landfills. Landfills or solid waste disposal units are classified according to the amount or types of waste received.

(a) Class I landfills are those which receive an average of 20 tons or more of solid waste per day.

(b) Class II landfills are those which receive an average of less than 20 tons of solid waste per day.

(c) Class I and Class II landfills receive general, non-hazardous household, commercial, industrial, and agricultural wastes, subject to the restrictions of Rules 62-701.300 and 62-701.520, F.A.C.

(d) Class III landfills are those which receive only yard trash, construction and demolition debris, waste tires, asbestos, carpet, cardboard, paper, glass, plastic, furniture other than appliances, or other materials approved by the Department which are not expected to produce leachate which poses a threat to public health or the environment. Class III landfills shall not accept putrescible household waste. The Department shall exempt Class III landfills from some or all of the requirements for liners, leachate controls, and water quality monitoring in Rules 62-701.400(3) and (4), and 62-701.510, F.A.C., if it determines based upon the types of waste received, methods for controlling types of waste disposed of, and the results of the hydrogeological and geotechnical investigations required in Rules 62-701.410 and 62-701.420, F.A.C., that no significant threat to the environment will result from such exemption. Yard trash composting facilities shall be operated in accordance with Chapter 62-709, F.A.C. Owners or operators of Class III landfills which are operating on January 6, 1993, shall apply for modification of their permits to comply with this paragraph no later than January 6, 1994.

(4) Location requirements.

(a) The site shall provide structural support for the facility including total wastes to be disposed of and structures to be built on the site.

(b) A landfill or solid waste disposal unit shall not be located in the 100-year floodplain where it will restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain unless compensating storage is provided, or result in a washout of solid waste.

(c) The minimum horizontal separation between waste deposits in a landfill and the landfill property boundary shall be 100 feet, measured from the toe of the proposed final cover slope.

anaerobic zones within the composting material will not cause the process to be classified as other than composting.

(23) "Composting facility" means a solid waste management facility where solid waste is processed using composting technology. Processing may include physical turning, windrowing, aeration or other mechanical handling of organic matter.

(24) "Composite liner" means a liner comprised of a geomembrane, which is underlain and in direct contact with a soil component.

(25) "Construction and demolition debris" means discarded materials generally considered to be not water soluble and non-hazardous in nature, including but not limited to steel, glass, brick, concrete, asphalt material, pipe, gypsum wallboard, and lumber, from the construction or destruction of a structure as part of a construction or demolition project or from the renovation of a structure, including such debris from construction of structures at a site remote from the construction or demolition project site. The term includes rocks, soils, tree remains, trees, and other vegetative matter which normally results from land clearing or land development operations for a construction project; clean cardboard, paper, plastic, wood, and metal scraps from a construction project; effective January 1, 1997, except as provided in Section 403.707(13)(j), F.S., unpainted, non-treated wood scraps from facilities manufacturing materials used for construction of structures or their components and unpainted, non-treated wood pallets provided the wood scraps and pallets are separated from other solid waste where generated and the generator of such wood scraps or pallets implements reasonable practices of the generating industry to minimize the commingling of wood scraps or pallets with other solid waste; and de minimis amounts of other nonhazardous wastes that are generated at construction or demolition projects, provided such amounts are consistent with best management practices of the construction and demolition industries. Mixing of construction and demolition debris with other types of solid waste will cause it to be classified as other than construction and demolition debris.

(26) "Curing area" means an area where organic material that has undergone the rapid initial stage of composting is further stabilized into a humus-like material.

(27) "Degradable" with respect to any material, means that such material, after being discarded, is capable of decomposing to components other than heavy metals or other toxic substances, after exposure to bacteria, light, or outdoor elements.

(28) "Department" means the State of Florida Department of Environmental Protection.

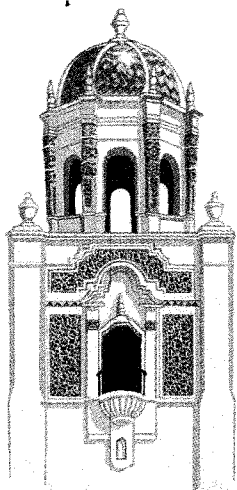
(29) "Design period" means the operating life of the solid waste management facility plus any long-term care period after closing.

(30) "Disease vectors" means any rodents, flies, mosquitoes, or other animals, including insects, capable of transmitting disease to humans.

(31) "Disinfection" means, as relates to composting, the selective destruction of pathogens indicated by a reduction in indicator organisms to less than or equal to 100 fecal coliform most probable number per gram of volatile suspended solids where the organic solid waste was maintained at or above 55°C for three consecutive days in a mechanical composter or in an aerated, insulated static pile, or for 15 consecutive

Transmit Confirmation Report

No. : 012
Receiver : 8-1-941-486-2620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Sep 22 98 15:40
Time : 02'06
Mode : Norm
Pages : 03
Result : OK



**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

**Utilities Department
Solid Waste Operations Division**

*14 days
up on
SEPT-26*

4000 Knights Trail Road
Nokomis, Florida 34275
Telephone (941) 486-2600
FAX (941) 486-2620

September 16, 1998

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

Re: CCSWDC C & D MRF
Draft Permit Number 134912-001-SO
Proof of Publication - Notice of Intent

RECEIVED
SEP 18 1998
Environmental Protection
DISTRICT

Dear Mr. Ford:

In accordance with the instructions contained in the Department's Intent to Issue dated September 10, 1998, enclosed is a notarized copy of the legal advertisement of the Notice of Proposed Agency Action on Permit Application regarding the Construction and Demolition Debris Materials Recovery Facility located at Sarasota County's Central County Solid Waste Disposal Complex.

Please contact me if you have any questions at (941) 486-2600.

Sincerely,

Mark Triplett, P.E.
Solid Waste Operations Division

RMT:sm
Attachment

cc: Robert J. Butera, P.E., FDEP Tampa

SARASOTA HERALD-TRIBUNE
PUBLISHED DAILY
SARASOTA, SARASOTA COUNTY, FLORIDA

AD NUMBER 989BBC0040

SOLID WASTE DIVISION
CLAUDETTE COBB
4000 KNIGHTS TRAIL ROAD
NOKOMIS, FL 34275

STATE OF FLORIDA
COUNTY OF SARASOTA

BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY APPEARED
JAMES E. DOUGHTON, WHO ON OATH SAYS HE IS THE ADVERTISING
DIRECTOR OF THE SARASOTA HERALD-TRIBUNE, A DAILY
NEWSPAPER PUBLISHED AT SARASOTA, IN SARASOTA COUNTY
FLORIDA; AND CIRCULATED IN SARASOTA COUNTY DAILY; THAT
THE ATTACHED COPY OF ADVERTISEMENT, BEING A NOTICE IN
THE MATTER OF: STATE OF FLORIDA DEPTME

IN THE COURT, WAS PUBLISHED IN SARASOTA EDITION
OF SAID NEWSPAPER IN THE ISSUES OF:

SEP 12, 1998

AFFIANT FURTHER SAYS THAT THE SAID SARASOTA HERALD-
TRIBUNE IS A NEWSPAPER PUBLISHED AT SARASOTA, IN SAID
SARASOTA COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPER
HAS THERETOFORE BEEN CONTINUOUSLY PUBLISHED IN SAID
SARASOTA COUNTY, FLORIDA, EACH DAY, AND HAS BEEN
ENTERED AS SECOND CLASS MAIL MATTER AT THE POST OFFICE IN
SARASOTA, IN SAID SARASOTA COUNTY, FLORIDA, FOR A
PERIOD OF ONE YEAR NEXT PRECEDING THE FIRST PUBLICATION
OF THE ATTACHED COPY OF ADVERTISEMENT; AND AFFIANT FURTHER
SAYS THAT HE 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.

SIGNED

James E. Doughton

SWORN TO AND SUBSCRIBED BEFORE ME THIS 12TH DAY OF
SEPTEMBER A.D., 1998 BY JAMES E. DOUGHTON WHO IS
PERSONALLY KNOWN TO ME.

(SEAL)

OFFICIAL NOTARY SEAL
BOBBIE J CLARK
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION NO. CC589421
MY COMMISSION EXP. OCT. 11, 2000

NOTARY PUBLIC

D.E.P.
SEP 17 1998
SOUTHWEST DISTRICT
TAMPA

State of Florida
Department of Environmental Protection
Notice of Proposed Agency Action on Permit Application
The Department gives notice of its intent to issue a permit to
Sarasota County, c/o Mr. Gary Bennett, who applied on January 1, 1998,
to the Department of Environmental Protection for a permit to
construct and operate a materials recovery facility located at the
existing Central County Solid Waste Disposal Complex, at
Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County,
Florida.
Persons whose substantial interests are affected by the
Department's proposed permitting decision may petition for a
administrative proceeding (hearing) in accordance with the rules
set forth below, and must be filed (received) in the Office of General
Counsel of the Department at 2600 Blair Stone Road, Twin Towers
Office Building, Tallahassee, Florida 32399-2400, within fourteen
(14) days of publication of this notice. Failure to file a request for
such person may have to request an administrative proceeding
(hearing) under Section 120.57, Florida Statutes.
The petition shall contain the following information: (a) The name,
address, and telephone number of each petitioner; (b) The name,
county and address, the Department Permit File Number and the
county in which the project is proposed; (c) A statement of how the
proposed action; (d) A statement of how the Department's action
substantial interests are affected by the Department's action;
proposed action; (e) A statement of the material facts alleged by
the petitioner, if any; (f) A statement of facts that support the
contents warrant reversal or modification of Department's action or
proposed action; (g) A statement of which rule, regulation or
contents require reversal or modification of the Department's
action or proposed action; and (h) a statement of the relief
sought by the petitioner, stating precisely the action the petitioner
wants the Department to take with respect to the Department's
action or proposed action.
If a petition is filed, the administrative hearing process is initiated
to formulate agency action. Accordingly, the Department's action
may be different from the position taken by the Department.
Persons whose substantial interests will be affected by the
decision of the Department with regard to the proposed action have the
right to petition to become a party to the proceeding. The petition
must conform to the requirements specified above and must be
(received) within 14 days of publication of this notice. The
General Counsel at the above address of the Department must receive the
petition within the allowed time frame constitutes a request for a
right such person has to request a hearing under the Department's
Florida Statutes, and to participate as a party to the hearing.
Any subsequent intervention will only be at the discretion of the
presiding officer upon motion filed pursuant to the Department's
F.A.C.
The application is available for public inspection during
business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday,
except legal holidays, at 3804 Coconut Palm Drive, Suite 100,
33619-8318.
Published: September 11, 1998

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

FAXED
9/10/98

Number of pages including cover sheet:

27

To:

Mark Triplett

Phone:

941 486-2600

Fax phone:

941 486-2620

CC:

From:

Kim Ford

Phone:

(813) 744-6100

V. 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

Signed Intent to Issue

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

September 10, 1998

In the matter of an
Application for Permit by:

DEP File No. 134912-001-SO
Sarasota County

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

INTENT TO ISSUE

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

The applicant, Sarasota County, c/o Mr. Gary Bennett, applied on January 16, 1998 to the Department of Environmental Protection for a permit to construct and operate a materials recovery facility located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, Nokomis, Sarasota County, Florida.

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

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

proposed project will not adversely impact water quality and the proposed project will comply with appropriate provisions of Chapters 62-4 and 62-701, F.A.C., subject to the specific conditions attached in the permit. Pursuant to Section 403.815, Florida Statutes and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent in the legal ad section of a newspaper of general circulation in the area affected. Proof of publication must be provided to the Department within seven (7) days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit. The Department will issue the permit with the attached conditions unless petition for administrative proceeding (hearing) is filed pursuant to the provisions of Sections 120.569 and 120.57, Florida Statutes.

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

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

A petition must contain the following information:

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

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

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

The agreement to mediate must include the following:

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

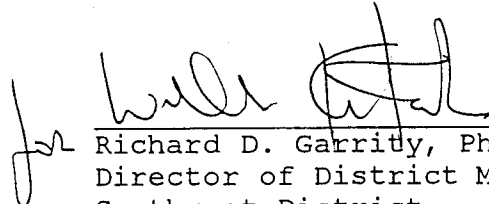
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement; and
- (g) Either an explanation of how the substantial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

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

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

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


for Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

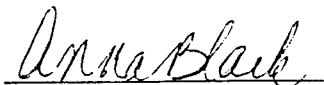
RDG/kbfb
Attachments
Copies furnished to:

Robert Butera, P.E., FDEP Tampa

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on September 10, 1998 to the listed persons.
Clerk Stamp

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


(Clerk)

9/10/98
(Date)

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

The Department gives notice of its intent to issue a permit to Sarasota County, c/o Mr. Gary Bennett, who applied on January 16, 1998, to the Department of Environmental Protection for a permit to construct and operate a materials recovery facility, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120-57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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

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

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 17-103.155, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

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

28-5.201 Initial of Formal Proceedings.

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

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

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

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

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

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

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

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

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

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

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

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

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

Specific Authority: 120.53(1), 120.54(10), F.S.
Law Implemented: 120.57, F.S.
History: New 3-23-80

SECTION 62-103.155, FLORIDA ADMINISTRATIVE CODE
RULES OF ADMINISTRATIVE PROCEDURE
FINAL AGENCY ACTION (NON-RULEMAKING) AND APPEAL

62-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

(1)(e) Any person whose substantial interests may be affected by proposed or final agency action by the Department may file a petition for formal administrative hearing in accordance with this rule if the person disputes the material facts upon which the Department's action is based.

(b) Any person whose substantial interests may be affected by proposed or final action by the Department may file a petition for informal administrative hearing in accordance with this rule if the person objects to the Department's action but does not dispute the material facts upon which the Department's action is based.

(2) A petition for formal or informal administrative hearing pursuant to section 120.57, F.S., shall contain the following information:

(a) The name, address, and telephone number of each petitioner. If the petitioner challenges a Department action or proposed action on a permit application, the applicant's name and address, the Department permit file number and the county in which the project is proposed shall also be included;

(b) A statement of how and when each petitioner received notices of the Department action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of those material facts (i.e., those facts upon which the Department's action or proposal is based) is disputed by petitioner. If no facts are disputed, petitioner shall so state;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

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

(3)(a) A petition shall be in the form required by this rule and must be filed (received) in the Office of General Counsel of the Department within the following number of days after receipt or publication (whichever occurs first) of notice of proposed agency action or of notice of agency action:

1. Petitions concerning Department action or proposed action on applications for permits (except permits for hazardous waste facilities): 14 days;

2. Petitions concerning Department action or proposed action on applications for hazardous waste facility permits: 45 days;

3. Petitions concerning notices of violation when no informal conference is held: 20 days after receipt of the notice of violation;

4. Petitions concerning notices of violation when an informal conference is held: 10 days after receipt of completion of the informal conference;

5. Petitions concerning other Department actions or proposed actions: 21 days.

The petitioner shall also serve a copy of the petition on all other parties to the proceeding, as identified in the published notice, at the time of filing.

(b) Failure to timely file a petition within the applicable time period after receipt of notice of agency action or receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver of any right to request an administrative proceeding under Chapter 120, F.S.

(4) If a petition is filed that does not substantially comply with the requirements of subsection (2) of this rule, the Department shall issue an order dismissing the petition with leave to file an amended petition complying with the requirements of this rule within 15 days of service of the order. If an amended petition complying with this rule is not filed (received) within 15 days of service of the order, the petitioner's right to a proceeding under Section 120.57, F.S., is waived.

(5) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 62-103.150, F.A.C., a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within 14 days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 62-103.150, F.A.C. Failure of the person to make inquiry with the Department within 14 days after obtaining such knowledge may stop the person from obtaining an administrative proceeding on the agency action.

(6)(e) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(7) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal shall be limited to:

(a) the application and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit.

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

(8) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(9) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by the applicant of the Department's notification pursuant to Section 403.0876, F.S., that additional information is required.

Specific Authority: 120.53, 403.0876, 403.815, F.S.

Law Implemented: 120.53, F.S.

History: New 9-20-79; Amended 4-28-81; Transferred from 17-1.62 and Amended 6-1-84; Amended 10-19-88, Formerly 17-103.155.



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue:
Expiration Date: 09/15/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E
Project: Construction and
Demolition Debris
Recycling Facility
(MRF)

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This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a construction and demolition debris materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction of:

1. C&D debris materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

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GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

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7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

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11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

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15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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

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

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

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

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1. **Facility Designation.** This site shall be classified as a materials recovery facility (MRF) for materials recovery, sorting and recycling of construction and demolition debris only, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-4 and 62-701, Florida Administrative Code.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the materials recovery facility and related systems in accordance with the reports, plans and other information as follows:

- January 1998 Permit Application received on January 16, 1998;
- August 1998 Operations and Maintenance Manual and construction drawings received on August 31, 1998;

and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any construction or operation not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

4. **Permit Renewal.** No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

6. **Construction Schedule and Progress Report.** No later than two (2) weeks after the pre-construction conference, the owner or operator shall submit a construction schedule which includes estimated dates for each component of the construction to the Department. The Engineer of Record or another qualified professional engineer shall make periodic inspections during construction to ensure that design integrity is maintained. An updated construction schedule and progress chart shall be submitted to the Department monthly.

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

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer in charge of construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

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

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

8. Facility Operation Requirements.

a. The permittee shall operate this facility in accordance with F.A.C. 62-701.700, and the August 1998 Operations and Maintenance Manual, and any other applicable requirements.

b. Unprocessed materials (except clean concrete and clean wood) shall be unloaded and stored inside the leachate containment area prior to processing.

c. Litter shall be collected at least once daily on operating days.

d. All incoming wastes and materials shall be handled on a first-in, first-out basis. In the event of equipment breakdown or scheduled maintenance, the permittee shall ensure that sufficient reserve equipment is operating at the site within 72 hours of the occurrence or the facility shut down.

e. If the facility has reached its permitted storage capacity for any area, the permittee shall not accept additional waste or materials for processing or disposal until sufficient capacity has been restored.

9. Operation Plan and Operating Record. A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

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10. **Operating Personnel.** A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operation plan to adequately operate the facility.

11. **Material Management and Storage.**

- a. Materials shall be stored as indicated in Table 1. and Figure 2. of the August 1998 Operations and Maintenance Manual.
- b. Mixed loads and unsorted waste materials shall be stored inside the leachate containment area.
- c. Unauthorized wastes shall be handled, stored and removed from the site in accordance with Sections 1.0 and 5.0 the August 1998 Operations and Maintenance Manual.
- d. All processed residuals (waste and non-recoverable, non-recyclable materials) shall be stored in areas with leachate collection or in covered containers, and shall be removed to an appropriately permitted disposal facility daily on operating days.
- e. Recyclable clean wood shall not include wood which has been treated (e.g. creosote, pressure-treated, CCA, etc.) or painted.
- f. Clean wood shall be removed from the site for recycling or disposal within six months of receipt.
- g. The owner or operator shall remove from the site, 75% of all stored materials each year, for recycling or disposal.
- h. All Class I materials and unprocessed residuals shall be stored in areas with leachate collection or in covered containers and shall be disposed of at least once each week, or more often if necessary.

12. **Waste Records.**

- a. The owner or operator of the materials recovery facility shall record, in tons (or cubic yards) per day, the amount of material received. The following information shall be compiled monthly and submitted to the Department quarterly, by January 15th, April 15th, July 15th and October 15th of each year:
 - a. The total quantities, in tons (or cubic yards), of all mixed loads and unprocessed waste and materials received, stored on-site and removed from the site;
 - b. The quantities in tons (or cubic yards) of each of the processed materials listed in Table 1. (attached), which are stored on-site and the quantities which have been removed for recycling or disposal;

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- c. The quantity in tons (or cubic yards) of all Class I waste, and all other residuals and unacceptable wastes which are stored on-site, and have been removed from the site for disposal.
13. **Drainage and Leachate Management.**
- a. All liquids from incoming, unprocessed wastes and materials, and from residuals shall be contained within the leachate containment area and leachate collection systems. Floors shall be free of standing liquids.
 - b. The leachate collection drains shall be inspected for damage and clogging daily on operating days. Accumulated debris shall be removed immediately. Documentation that the drains, sumps, cleanouts and tanks have been inspected and cleaned shall be maintained at the facility, and shall be provided to the Department upon request.
 - c. The entire tipping and sorting area shall be cleared of waste, recyclables and residue, and cleaned at least once each week. The truck loading area shall be cleared of residue and cleaned at least once each week. All washdown water from these areas shall be contained within the leachate collection systems.
14. **Stormwater Management.** The site shall have a surface water management system operated and maintained to prevent surface water flow on to processing and storage areas, and a stormwater runoff control system operated and maintained to collect and control stormwater to meet the requirements of Florida Administrative Code Rule 62-330, any other applicable Department rules, and the requirements of the respective water management district.
15. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than 180 days prior to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d).
16. **Financial Assurance.** The permittee shall provide financial assurance for the MRF in accordance with F.A.C. 62-701.700(4).
- a. All costs for closure shall be adjusted and submitted annually, by March 1st each year to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.
 - b. Proof that the financial mechanism has been adequately funded shall be submitted annually, by September 1st each year, to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

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17. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

18. **Fire Safety.** A fire safety survey shall be conducted annually which includes a statement from the local fire protection authorities that the site meets the requirements of the local fire protection authorities. This report shall be submitted upon request. This report shall indicate that all noted deficiencies have been corrected and approved by the local fire protection authorities.

19. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the construction. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

20. **Facility Maintenance and Repair.** In the event of damage to any portion of the site facilities, processing equipment, and leachate collection system, or failure of any portion of the associated systems, the permittee shall **immediately (within 24 hours)** notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department **within seven (7) days** following the occurrence.

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

22. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

23. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

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24. Regulations. F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

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ATTACHMENT 1

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SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
6.	2 weeks after	Submit construction schedule
6.	Monthly	Update construction schedule
7.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.
12.	Quarterly, by January 15th April 15th, July 15th, and October 15th	Waste Quantity Reports
16.a.	Annually, by March 1st	Submit revised cost estimates
16.b.	Annually, by September 1st	Submit proof of funding

Figure 2. Process and Leachate Flow Schematic

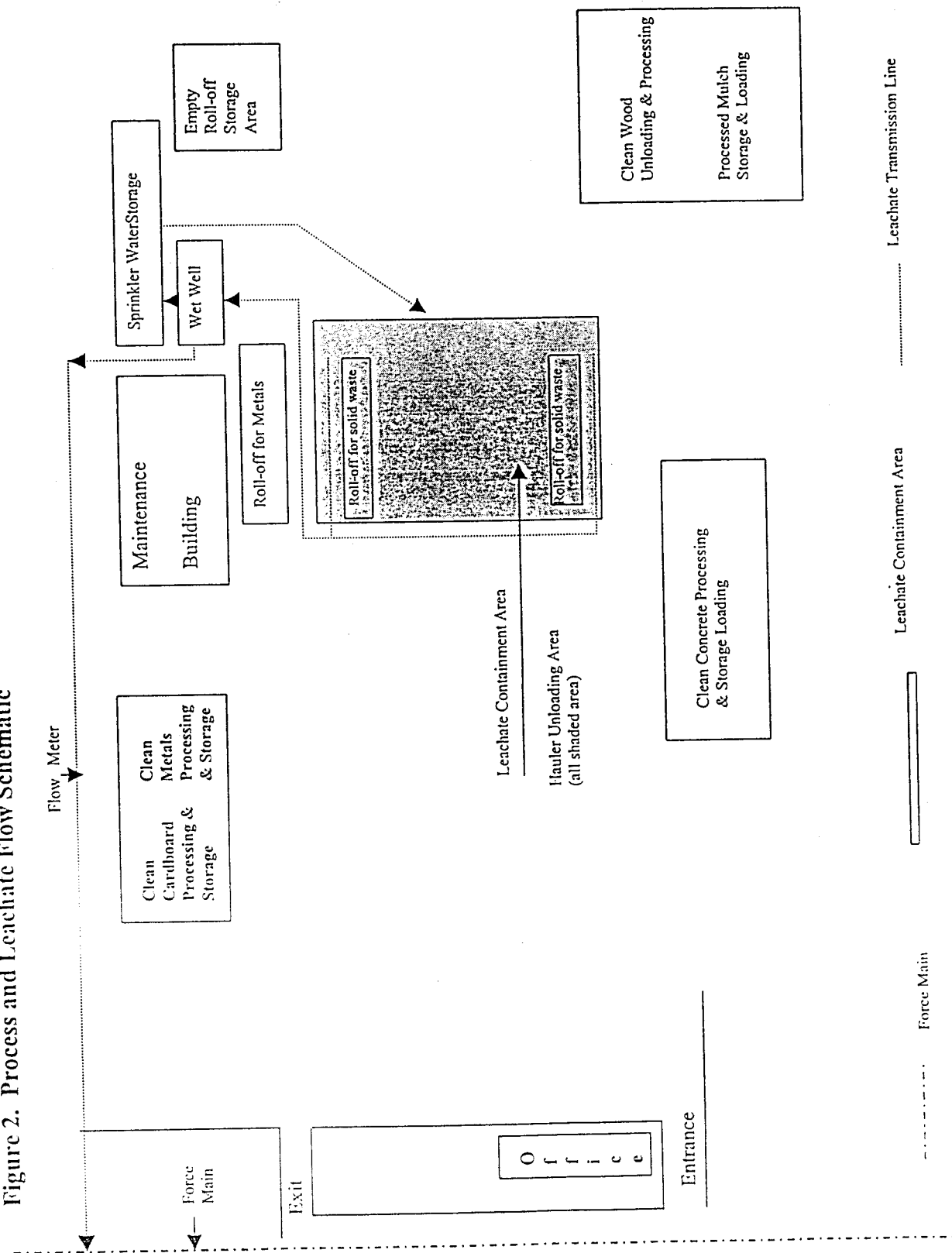


Table 1. Storage Area Capacities

Material	Dimensions ¹	Volume	Mass
Mixed Waste ²	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #1 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Finished Product ⁵	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Clean Cardboard ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁷	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁸	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁹	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons
Totals		27,165 cu. yds.	8,604 tons

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 – 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Finished Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the push wall and the edge of the leachate containment pad.
6. Clean Cardboard = 0.073 tons/cu. yd.
7. Clean Metals = 0.10 tons/cu. yd.
8. Clean Concrete = 0.555 tons/cu. yd.
9. Clean Wood = 0.10 tons/cu. yd.

62-701.700 Materials Recovery Facilities.

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;

2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and

3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority 403.061, 403.704, FS.

Law Implemented 403.702, 403.704, 403.707, FS.

History -- New 1-6-93. Amended 5-19-94, Formerly 62-701.700.

Transmit Confirmation Report

No. : 004
Receiver : 819414862620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Sep 10 98 12:56
Time : 14'07
Mode : Norm
Pages : 28
Result : OK

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

September 10, 1998

In the matter of an
Application for Permit by:

DEP File No. 134912-001-SO
Sarasota County

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, FL 34275

INTENT TO ISSUE

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

The applicant, Sarasota County, c/o Mr. Gary Bennett, applied on January 16, 1998 to the Department of Environmental Protection for a permit to construct and operate a materials recovery facility located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, Nokomis, Sarasota County, Florida.

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

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

proposed project will not adversely impact water quality and the proposed project will comply with appropriate provisions of Chapters 62-4 and 62-701, F.A.C., subject to the specific conditions attached in the permit. Pursuant to Section 403.815, Florida Statutes and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent in the legal ad section of a newspaper of general circulation in the area affected. Proof of publication must be provided to the Department within seven (7) days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit. The Department will issue the permit with the attached conditions unless petition for administrative proceeding (hearing) is filed pursuant to the provisions of Sections 120.569 and 120.57, Florida Statutes.

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

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

A petition must contain the following information:

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

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

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

The agreement to mediate must include the following:

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

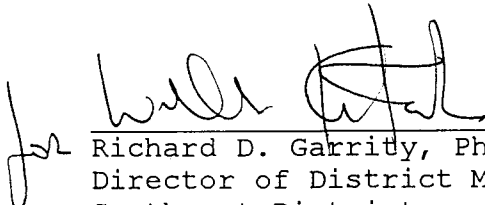
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement; and
- (g) Either an explanation of how the substantial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

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

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

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


for Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

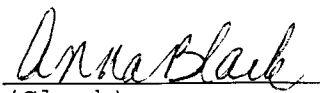
RDG/kbfb
Attachments
Copies furnished to:

Robert Butera, P.E., FDEP Tampa

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this **NOTICE OF INTENT TO ISSUE** and all copies were mailed before the close of business on September 10, 1998 to the listed persons.
Clerk Stamp

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


(Clerk)

9/10/98
(Date)

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

The Department gives notice of its intent to issue a permit to Sarasota County, c/o Mr. Gary Bennett, who applied on January 16, 1998, to the Department of Environmental Protection for a permit to construct and operate a materials recovery facility, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120-57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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

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

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 17-103.155, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

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

28-5.201 Initial of Formal Proceedings.

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

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

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

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

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

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

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

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

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

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

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

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

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

Specific Authority: 120.53(1), 120.54(10), F.S.
Law Implemented: 120.57, F.S.
History: New 3-23-80

SECTION 62-103.155, FLORIDA ADMINISTRATIVE CODE
RULES OF ADMINISTRATIVE PROCEDURE
FINAL AGENCY ACTION (NON-RULEMAKING) AND APPEAL

62-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

(1)(e) Any person whose substantial interests may be affected by proposed or final agency action by the Department may file a petition for formal administrative hearing in accordance with this rule if the person disputes the material facts upon which the Department's action is based.

(b) Any person whose substantial interests may be affected by proposed or final action by the Department may file a petition for informal administrative hearing in accordance with this rule if the person objects to the Department's action but does not dispute the material facts upon which the Department's action is based.

(2) A petition for formal or informal administrative hearing pursuant to section 120.57, F.S., shall contain the following information:

(a) The name, address, and telephone number of each petitioner. If the petitioner challenges a Department action or proposed action on a permit application, the applicant's name and address, the Department permit file number and the county in which the project is proposed shall also be included;

(b) A statement of how and when each petitioner received notices of the Department action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of those material facts (i.e., those facts upon which the Department's action or proposal is based) is disputed by petitioner. If no facts are disputed, petitioner shall so state;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

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

(3)(a) A petition shall be in the form required by this rule and must be filed (received) in the Office of General Counsel of the Department within the following number of days after receipt or publication (whichever occurs first) of notice of proposed agency action or of notice of agency action:

1. Petitions concerning Department action or proposed action on applications for permits (except permits for hazardous waste facilities): 14 days;

2. Petitions concerning Department action or proposed action on applications for hazardous waste facility permits: 45 days;

3. Petitions concerning notices of violation when no informal conference is held: 20 days after receipt of the notice of violation;

4. Petitions concerning notices of violation when an informal conference is held: 10 days after receipt of notice of completion of the informal conference;

5. Petitions concerning other Department actions or proposed actions: 21 days.

The petitioner shall also serve a copy of the petition on all other parties to the proceeding, as identified in the published notice, at the time of filing.

(b) Failure to timely file a petition within the applicable time period after receipt of notice of agency action or receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver of any right to request an administrative proceeding under Chapter 120, F.S.

(4) If a petition is filed that does not substantially comply with the requirements of subsection (2) of this rule, the Department shall issue an order dismissing the petition with leave to file an amended petition complying with the requirements of this rule within 15 days of service of the order. If an amended petition complying with this rule is not filed (received) within 15 days of service of the order, the petitioner's right to a proceeding under Section 120.57, F.S., is waived.

(5) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 62-103.150, F.A.C., a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within 14 days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 62-103.150, F.A.C. Failure of the person to make inquiry with the Department within 14 days after obtaining such knowledge may stop the person from obtaining an administrative proceeding on the agency action.

(6)(e) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(7) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal shall be limited to:

(a) the application and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit.

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

(8) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(9) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by the applicant of the Department's notification pursuant to Section 403.0876, F.S., that additional information is required.

Specific Authority: 120.53, 403.0876, 403.815, F.S.

Law Implemented: 120.53, F.S.

History: New 9-20-79; Amended 4-28-81; Transferred from 17-1.62 and Amended 6-1-84; Amended 10-19-88, Formerly 17-103.155.



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE

Sarasota County
c/o Mr. Gary Bennett
4000 Knights Trail Road
Nokomis, Florida 34275

PERMIT/CERTIFICATION

GMS ID No: 4058C02034
Permit No: 134912-001-SO
Date of Issue:
Expiration Date: 09/15/2003
County: Sarasota
Lat/Long: 27°12'00"
82°23'00"
Sec/Town/Rge: 1-4, 9-16/
38S/19E
Project: Construction and
Demolition Debris
Recycling Facility
(MRF)

DRAFT

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-4 and 62-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

To construct and operate a construction and demolition debris materials recovery facility, subject to the specific and general conditions attached, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida. The specific conditions attached are for the construction of:

1. C&D debris materials recovery facility

Replaces Permit No.: N/A, new

This permit contains compliance items summarized in Attachment 1 that shall be complied with and submitted to the Department by the dates noted. If the compliance dates are not met and submittals are not received by the Department on the dates noted, enforcement action may be initiated to assure compliance with the conditions of this permit.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)

Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

DRAFT

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)
Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

DRAFT

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)

Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

DRAFT

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- (a) Determination of Best Available Control Technology (BACT)
- (b) Determination of Prevention of Significant Deterioration (PSD)
- (c) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- (d) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)

Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

DRAFT

GENERAL CONDITIONS:

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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

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

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)
Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

DRAFT

GENERAL CONDITIONS:

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

(a) The following reports shall be submitted to the Department:

1. Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
2. Unmanifested waste report. The permittee shall submit an unmanifested waste report to the Department within 15 days of receipt of unmanifested waste.
3. Biennial report. A biennial report covering facility activities during the previous calendar year shall be submitted by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

(b) Notification of any noncompliance which may endanger health or the environment, including the release of any hazardous waste that may endanger public drinking water supplies or the occurrence of a fire or explosion from the facility which could threaten the environment or human health outside the facility, shall be reported verbally to the Department within 24 hours, and a written report shall be provided within 5 days. The verbal report shall include the name, address, I.D. number, and telephone number of the facility, its owner or operator, the name and quantity of materials involved, the extent of any injuries, an assessment of actual or potential hazards, and the estimated quantity and disposition of recovered material. The written submission shall contain:

1. A description and cause of the noncompliance.
2. If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

(c) Reports of compliance or noncompliance with, or any progress reports on, requirements in any compliance schedule shall be submitted no later than 14 days after each schedule date.

(d) All reports or information required by the Department by a hazardous waste permittee shall be signed by a person authorized to sign a permit application.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)

PERMIT NO.: 134912-001-SO
Sarasota County

Mr. Gary Bennett

DRAFT

SPECIFIC CONDITIONS:

1. **Facility Designation.** This site shall be classified as a materials recovery facility (MRF) for materials recovery, sorting and recycling of construction and demolition debris only, and shall be constructed and operated in accordance with all applicable requirements of Chapters 62-4 and 62-701, Florida Administrative Code.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the materials recovery facility and related systems in accordance with the reports, plans and other information as follows:

- January 1998 Permit Application received on January 16, 1998;
- August 1998 Operations and Maintenance Manual and construction drawings received on August 31, 1998;

and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any construction or operation not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. Permits shall be modified in accordance with the requirements of 62-4.080, F.A.C. A modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review by the Department is considered a substantial modification.

4. **Permit Renewal.** No later than one hundred eighty (180) days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules. Permits shall be renewed at least every five years as required by F.A.C. 62-701.330(3).

5. **Prohibitions.** The prohibitions of F.A.C. 62-701.300 shall not be violated.

6. **Construction Schedule and Progress Report.** No later than two (2) weeks after the pre-construction conference, the owner or operator shall submit a construction schedule which includes estimated dates for each component of the construction to the Department. The Engineer of Record or another qualified professional engineer shall make periodic inspections during construction to ensure that design integrity is maintained. An updated construction schedule and progress chart shall be submitted to the Department monthly.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)
Mr. Gary Bennett

PERMIT NO.: 134912-001-SO.
Sarasota County

SPECIFIC CONDITIONS:

DRAFT

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

a. The owner or operator shall submit a Certification of Construction Completion, Form 62-701.900(2), signed and sealed by the professional engineer in charge of construction to the Department for approval, and shall arrange for Department representatives to inspect the construction in the company of the permittee, the engineer, and the facility operator.

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

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

8. **Facility Operation Requirements.**

a. The permittee shall operate this facility in accordance with F.A.C. 62-701.700, and the August 1998 Operations and Maintenance Manual, and any other applicable requirements.

b. Unprocessed materials (except clean concrete and clean wood) shall be unloaded and stored inside the leachate containment area prior to processing.

c. Litter shall be collected at least once daily on operating days.

d. All incoming wastes and materials shall be handled on a first-in, first-out basis. In the event of equipment breakdown or scheduled maintenance, the permittee shall ensure that sufficient reserve equipment is operating at the site within 72 hours of the occurrence or the facility shut down.

e. If the facility has reached its permitted storage capacity for any area, the permittee shall not accept additional waste or materials for processing or disposal until sufficient capacity has been restored.

9. **Operation Plan and Operating Record.** A copy of the Department approved permit, operational plan, construction reports and record drawings, and supporting information shall be kept at the facility at all times for reference and inspections.

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)
Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

SPECIFIC CONDITIONS:

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10. **Operating Personnel.** A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed as noted in the operation plan to adequately operate the facility.

11. **Material Management and Storage.**

- a. Materials shall be stored as indicated in Table 1. and Figure 2. of the August 1998 Operations and Maintenance Manual.
- b. Mixed loads and unsorted waste materials shall be stored inside the leachate containment area.
- c. Unauthorized wastes shall be handled, stored and removed from the site in accordance with Sections 1.0 and 5.0 the August 1998 Operations and Maintenance Manual.
- d. All processed residuals (waste and non-recoverable, non-recyclable materials) shall be stored in areas with leachate collection or in covered containers, and shall be removed to an appropriately permitted disposal facility daily on operating days.
- e. Recyclable clean wood shall not include wood which has been treated (e.g. creosote, pressure-treated, CCA, etc.) or painted.
- f. Clean wood shall be removed from the site for recycling or disposal within six months of receipt.
- g. The owner or operator shall remove from the site, 75% of all stored materials each year, for recycling or disposal.
- h. All Class I materials and unprocessed residuals shall be stored in areas with leachate collection or in covered containers and shall be disposed of at least once each week, or more often if necessary.

12. **Waste Records.**

- a. The owner or operator of the materials recovery facility shall record, in tons (or cubic yards) per day, the amount of material received. The following information shall be compiled monthly and submitted to the Department quarterly, by January 15th, April 15th, July 15th and October 15th of each year:
 - a. The total quantities, in tons (or cubic yards), of all mixed loads and unprocessed waste and materials received, stored on-site and removed from the site;
 - b. The quantities in tons (or cubic yards) of each of the processed materials listed in Table 1. (attached), which are stored on-site and the quantities which have been removed for recycling or disposal;

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)
Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

SPECIFIC CONDITIONS:

DRAFT

- c. The quantity in tons (or cubic yards) of all Class I waste, and all other residuals and unacceptable wastes which are stored on-site, and have been removed from the site for disposal.
- 13. **Drainage and Leachate Management.**
 - a. All liquids from incoming, unprocessed wastes and materials, and from residuals shall be contained within the leachate containment area and leachate collection systems. Floors shall be free of standing liquids.
 - b. The leachate collection drains shall be inspected for damage and clogging **daily** on operating days. Accumulated debris shall be removed immediately. Documentation that the drains, sumps, cleanouts and tanks have been inspected and cleaned shall be maintained at the facility, and shall be provided to the Department upon request.
 - c. The entire tipping and sorting area shall be cleared of waste, recyclables and residue, and cleaned at least once each week. The truck loading area shall be cleared of residue and cleaned at least once each week. All washdown water from these areas shall be contained within the leachate collection systems.
- 14. **Stormwater Management.** The site shall have a surface water management system operated and maintained to prevent surface water flow on to processing and storage areas, and a stormwater runoff control system operated and maintained to collect and control stormwater to meet the requirements of Florida Administrative Code Rule 62-330, any other applicable Department rules, and the requirements of the respective water management district.
- 15. **Closure Requirements.** The facility owner or operator shall notify the Department of the facility's closure, no later than **180 days prior** to the date when the facility is expected to close, as required by F.A.C. 62-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 62-701.700(3)(d).
- 16. **Financial Assurance.** The permittee shall provide financial assurance for the MRF in accordance with F.A.C. 62-701.700(4).
 - a. All costs for closure shall be adjusted and submitted **annually, by March 1st each year** to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.
 - b. Proof that the financial mechanism has been adequately funded shall be submitted **annually, by September 1st each year**, to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

PERMITTEE: Construction & Demolition Debris
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17. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 62-730, F.A.C. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

18. **Fire Safety.** A fire safety survey shall be conducted annually which includes a statement from the local fire protection authorities that the site meets the requirements of the local fire protection authorities. This report shall be submitted upon request. This report shall indicate that all noted deficiencies have been corrected and approved by the local fire protection authorities.

19. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from the construction. Such control shall minimize the creation of nuisance conditions on adjoining property. Complaints received from the general public, and confirmed by Department personnel upon site inspection, shall constitute a nuisance condition, and the permittee must take immediate corrective action to abate the nuisance. The owner or operator shall control disease vectors so as to protect the public health and welfare.

20. **Facility Maintenance and Repair.** In the event of damage to any portion of the site facilities, processing equipment, and leachate collection system, or failure of any portion of the associated systems, the permittee shall immediately (within 24 hours) notify the Department explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be submitted to the Department within seven (7) days following the occurrence.

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

22. **General Conditions.** The permittee shall be aware of and operate under the "General Conditions". General Conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes.

23. **Permit Acceptance.** By acceptance of this Permit, the Permittee certifies that he/she has read and understands the obligations imposed by the Specific and General Conditions contained herein, including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

PERMITTEE: Construction & Demolition Debris
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Sarasota County

SPECIFIC CONDITIONS:

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24. Regulations. F.A.C. 62-701, effective April 23, 1997, is incorporated into this permit by reference. In the event that these regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

DRAFT

Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

PERMITTEE: Construction & Demolition Debris
Recycling Facility (MRF)
Mr. Gary Bennett

PERMIT NO.: 134912-001-SO
Sarasota County

ATTACHMENT 1

DRAFT

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
6.	2 weeks after	Submit construction schedule
6.	Monthly	Update construction schedule
7.	Within 60 days after construction is complete	Submit Certification of Construction Completion, Arrange for inspection, submit Record Drawings, submit narrative describing all deviations.
12.	Quarterly, by January 15th April 15th, July 15th, and October 15th	Waste Quantity Reports
16.a.	Annually, by March 1st	Submit revised cost estimates
16.b.	Annually, by September 1st	Submit proof of funding

Figure 2. Process and Leachate Flow Schematic

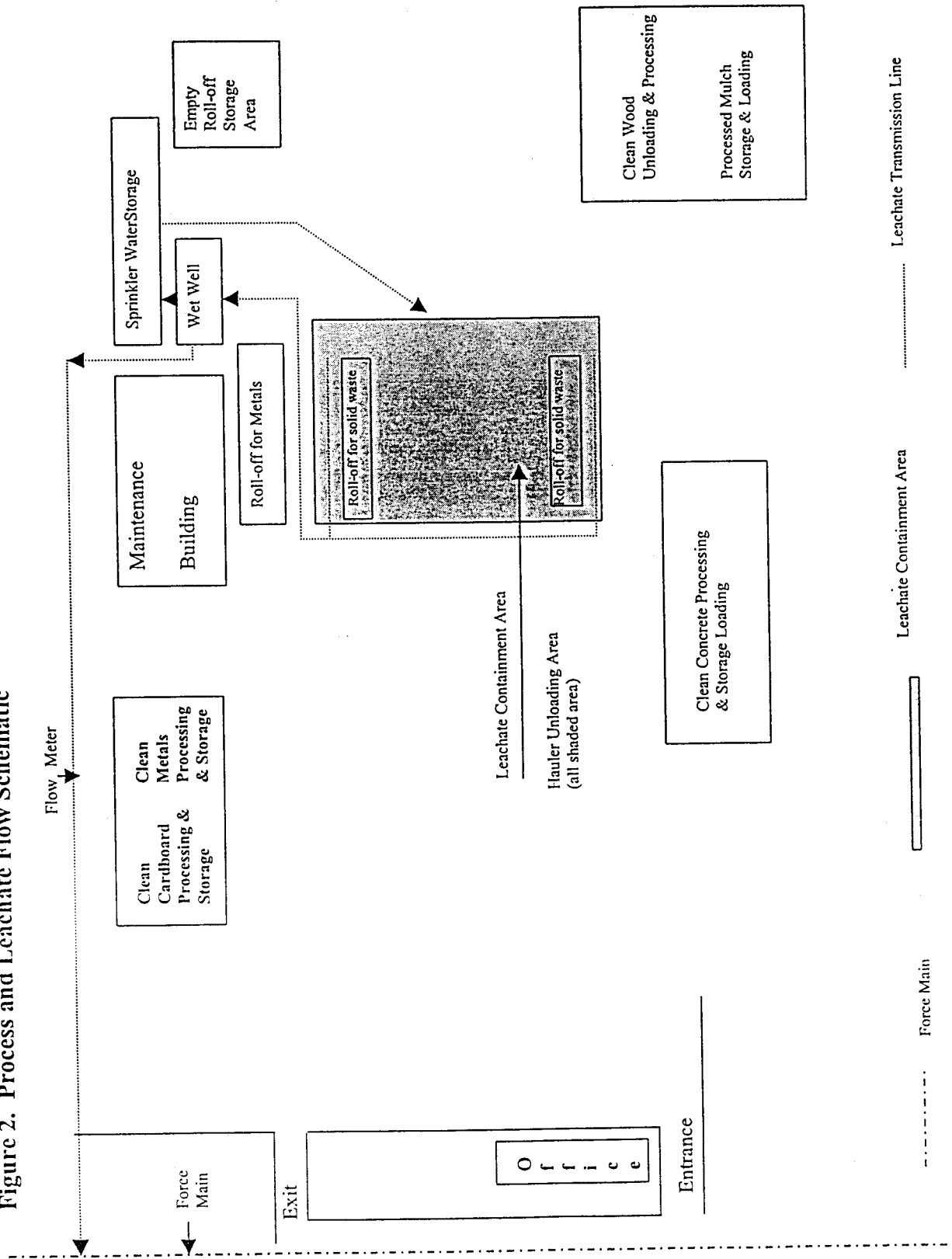


Table 1. Storage Area Capacities

Material	Dimensions ¹	Volume	Mass
Mixed Waste ²	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #1 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Finished Product ⁵	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Clean Cardboard ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁷	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁸	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁹	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons
Totals		27,165 cu. yds.	8,604 tons

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 – 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Finished Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the push wall and the edge of the leachate containment pad.
6. Clean Cardboard = 0.073 tons/cu. yd.
7. Clean Metals = 0.10 tons/cu. yd.
8. Clean Concrete = 0.555 tons/cu. yd.
9. Clean Wood = 0.10 tons/cu. yd.

62-701.700 Materials Recovery Facilities.

(1) Applicability. No person shall construct or operate a materials recovery facility without a permit issued by the Department.

(2) Engineering report. A permit application for a materials recovery facility shall include the information required in Rule 62-701.320, F.A.C., and an engineering report that includes:

(a) A description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility, a projection of those waste types and quantities expected in future years, and the assumptions used to make the projections;

(b) A description of the operation and functions of all processing equipment that will be used, with design criteria and expected performance. The description shall show the flow of solid waste and associated operations in detail, and shall include:

1. Regular facility operations as they are expected to occur;

2. Procedures for start up operations, and scheduled and unscheduled shut down operations; and

3. Potential safety hazards and control methods, including fire detection and control;

(c) A description of loading, unloading, and processing areas. If wastes which are reasonably expected to produce leachate are being processed, the facility shall be designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater;

(d) Identification and capacity of temporary on-site storage areas for recyclable materials, non-processable wastes, unauthorized wastes, and residues;

(e) Provisions for solid waste and leachate containment;

(f) Identification of potential ground water and surface water contamination; and

(g) A plan for disposal of unmarketable recyclable materials and residue, and for waste handling capability in the event of breakdowns in the operations or equipment. Wastes shall be handled on a first-in, first-out basis. Stored putrescible wastes shall not be allowed to remain unprocessed for more than 48 hours unless provisions are made to control vectors and odors.

(3) Operational requirements. A permit application for a materials recovery facility shall include the following operational requirements:

(a) An operation and maintenance manual describing the facility operations, the persons responsible for the operations, and types of equipment that will be used. All activities at the facility shall be performed in accordance with the manual and plans for the facility. Manuals and plans shall be updated as operations change but no less frequently than upon renewal of the operation permit;

(b) A plan to screen the wastes received by the facility, that specifies inspection procedures and procedures to handle unauthorized wastes;

(c) A contingency plan to cover operations interruptions and emergencies such as fires, explosions, or natural disasters; and

(d) A closure plan that identifies the steps needed to close the facility. The closure plan shall provide for the following:

1. Owner or operator notification to the Department in writing 180 days before the date the facility is expected to close. No waste shall be received by the facility after the expected closing date;

2. Within 30 days after receiving the final solid waste shipment, the owner or operator shall remove or otherwise dispose of all solid waste or residue in accordance with the approved closure plan; and

3. Closure must be completed within 180 days after receiving the final waste quantity. Closure will include removal of all recovered materials from the site. When closure is completed, the owner or operator shall certify in writing to the Department that closure is complete. The Department will make an inspection within 30 days to verify the closure and advise the owner or operator of the closure status.

(4) Financial responsibility. The owner or operator of a materials recovery facility shall post a performance bond payable to the Department to cover the cost of properly closing the facility, if one or more of the following conditions exist:

(a) Where the owner of the land or materials recovery facility and the operator of the facility are not the same person; or

(b) If the operator of the facility could stockpile waste that may create an environmental threat if the facility closes without properly disposing of the waste.

(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 62-25 and 62-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants should be aware that other government agencies may also regulate stormwater management and may require separate permits.

Specific Authority 403.061, 403.704, FS.

Law Implemented 403.702, 403.704, 403.707, FS.

History -- New 1-6-93. Amended 5-19-94, Formerly 62-701.700.

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

FAXED
9/10/98

Number of pages including cover sheet:

3

To:

MARK TRIPLETT

Sarasota County

Phone:

941 4862600

Fax phone:

941 4862620

CC:

From:

Fun Cars

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

☐ Please comment

PUBLICATION
Do not publish
UNTIL PATENT
IS SIGNED

Fun

DRAFT

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

The Department gives notice of its intent to issue a permit to Sarasota County, c/o Mr. Gary Bennett, who applied on January 16, 1998, to the Department of Environmental Protection for a permit to construct and operate a materials recovery facility, located at the existing Central County Solid Waste Disposal Complex, 4000 Knights Trail Road, 2 miles east of I-75, Nokomis, Sarasota County, Florida.

DRAFT

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120-57, Florida Statutes. The petition must contain the information set forth below, and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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

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

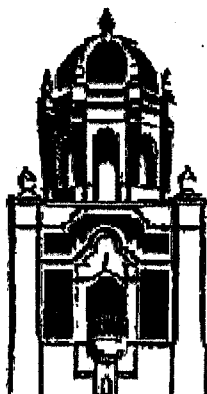
Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 17-103.155, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

DRAFT

Transmit Confirmation Report

No. : 001
Receiver : 8-1-941-486-2620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Sep 10 98 7:50
Time : 01'33
Mode : Norm
Pages : 03
Result : OK



Fax

Sarasota County Government
Utilities Department
Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Florida 34275
Phone: 941.486.2600
Fax: 941.486.2620
email: mtriplett@co.sarasota.fl.us

To: Robert J. Butera, P.E.

From: Mark Triplett, P.E.

Fax: 813.744.6125

Pages: four

Phone: 813.744.6100 ext. 451

Date: September 9, 1998

Re: C & D MRF permit application

CC: Kim Ford, P.E.

☒ Urgent

☐ For Review

☐ Please Comment

☐ Please Reply

☒ For Your Use

● Comments:

In accordance with the telephone conversation between this office and the Department on the morning of September 9, 1998, this fax memo covers copies of applicable portions of the County code submitted to address the Department's inquiry as to why the buildings are separated. Note that the ground area of each building is 3,750 sq. ft. and the is ordinary construction.

Basket strainers will not be included at this time. The system has design features to minimize the amount of debris that enters the leachate collection system. If in the future a design modification is necessary, the detail of this modification will be sent to the Department for approval prior to implementation.

Please contact me if you have any questions or require further information on this submittal. Also, please inform our office of the date that the Notice of Intent is published so that we may plan the start-up of this facility.

SARASOTA COUNTY FIRE DEPARTMENT

FIRE PLANS REVIEW

1301 CATTLEMEN RD.
SARASOTA, FL 34239-6209
PHONE # 941-378-6124
FAX # 941-378-6029

Fax

To: Mark Triplett, Utilities Dept.

From: DON DAMRON

Fax: (941) 486-2620

Date: September 9, 1998

Phone:

Pages: 5

Re: Utility Code

CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

-Comments: Mark, sorry I missed you. Here is the excerpt of the Utility code that we use in determining whether a new building is required to have a fire sprinkler system. If water is not available separating the buildings will at least reduce the possibility of fire transmitting from one building to another.

Thank you,

Don Damron

Fire Plans Review

IF YOU DO NOT RECEIVE THIS COMPLETE FAX OR HAVE A QUESTION CONTACT THE FIRE PLANS REVIEW OFFICE AT 941-378-6124

PART III

SECTION 24

GENERAL STANDARDS FOR FIRE HYDRANTS continued

24.2 FIRE HYDRANTS (continued)

- .4 Hydrants shall have either no drain parts. If parts exist, they shall be plugged with a threaded plug.
- .5 The operating stem shall be equipped with antifriction thrust bearing to reduce operating torque and assure easy opening. Stops shall be provided to limit stem travel. Stem threads shall be enclosed in a permanently sealed lubricant reservoir with O-ring seals.
- .6 Hydrants shall be designated for 150 psi working pressure and shop tested to 300 psi pressure with main valve both opened and closed. Under test, the valve shall not leak, the automatic drain shall function and there shall be no leakage into the bonnet.
- .7 Fire hydrant valves shall be no further than ten feet (10') from the hydrant.

24.3 FIRE FLOW

Design

- .1 Fire flow requirements shall be at least one thousand (1,000) GPM with a minimum residual pressure of 20 psi with one hydrant flowing at the extreme end of the development.
- .2 For design purposes, the Engineer will use a measured system operating pressure, or 50 psi, whichever is less, at a point where adequate flow volume exists to serve the development.
- .3 Complexes or buildings demanding fire flows in excess of 1,000 GPM at 20 psi shall provide built in fire suppression sprinkler systems. Fire flow will be determined by the Insurance Services Office (ISO) Required Fire Flow Tables.

24.4 OBSTRUCTIONS

Policy

No person shall place or keep any fence, growth, trash or other material near any fire hydrant that would prevent such hydrant from being immediately discernible or in any other manner hinder the Fire Department from gaining immediate access to a fire hydrant.

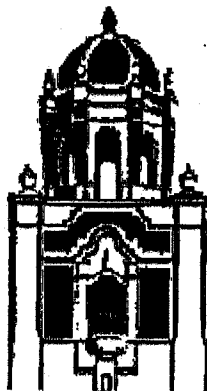
204 WATER SUPPLIES

INSURANCE SERVICES OFFICE
FIRE FLOW vs. GROUND AREA

TYPE 4

Ordinary Construction
(Ground area in square feet) $F = 18C(A)^{0.5}$
 $F = \text{gpm}; C = 1.0$
 $A = \text{area in sq. ft.}$

gpm	1	2	3	4	5	6	Stories
500	1,200	600	400	300	200	200	
750	2,400	1,200	800	600	500	400	
1000	3,900	2,000	1,300	1,000	800	700	
1250	5,800	2,900	1,900	1,500	1,200	1,000	
1500	8,200	4,100	2,700	2,100	1,600	1,400	
1750	10,900	5,500	3,600	2,700	2,200	1,800	
2000	13,900	7,000	4,600	3,500	2,800	2,300	
2250	17,100	8,700	5,800	4,400	3,500	2,900	
2500	21,300	10,700	7,100	5,300	4,300	3,600	
2750	25,500	12,800	8,500	6,400	5,100	4,300	
3000	30,100	15,100	10,000	7,500	6,000	5,000	
3250	35,200	17,600	11,700	8,800	7,000	5,900	
3500	40,600	20,300	13,500	10,200	8,100	6,800	
3750	46,400	23,200	15,500	11,600	9,300	7,700	
4000	52,500	26,300	17,500	13,100	10,500	8,800	
4250	59,100	29,600	19,700	14,800	11,800	9,900	
4500							



Fax

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Utilities Department
Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Florida 34275
Phone: 941.486.2600
Fax: 941.486.2620
email: mtriplett@co.sarasota.fl.us

To: Robert J. Butera, P.E. From: Mark Triplett, P.E.
Fax: 813.744.6125 Pages: four
Phone: 813.744.6100 ext. 451 Date: September 9, 1998
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SARASOTA, FL 34232-6299
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Fire Plans Review

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PART III

SECTION 24

GENERAL STANDARDS FOR FIRE HYDRANTS continued

24.2 FIRE HYDRANTS (continued)

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204 WATER SUPPLIES

INSURANCE SERVICES OFFICE
 FIRE FLOW vs. GROUND AREA

TYPE 4

Ordinary Construction
 (Ground area in square feet)

$F = 18C(A)^{0.5}$
 $F = \text{gpm}; C = 1.0$
 $A = \text{area in sq. ft.}$

gpm.	1	2	3	4	5	6	Stories
500	1,200	600	400	300	200	200	
750	2,400	1,200	800	600	500	400	
1000	3,900	2,000	1,300	1,000	800	700	
1250	5,800	2,900	1,900	1,500	1,200	1,000	
1500	8,200	4,100	2,700	2,100	1,600	1,400	
1750	10,900	5,300	3,600	2,700	2,200	1,800	
2000	13,900	7,000	4,600	3,500	2,800	2,300	
2250	17,400	8,700	5,800	4,400	3,500	2,900	
2500	21,300	10,700	7,100	5,300	4,300	3,600	
2750	25,500	12,800	8,500	6,400	5,100	4,300	
3000	30,100	15,100	10,000	7,500	6,000	5,000	
3250	35,200	17,600	11,700	8,800	7,000	5,900	
3500	40,600	20,300	13,500	10,200	8,100	6,800	
3750	46,400	23,200	15,500	11,600	9,300	7,700	
4000	52,500	26,300	17,500	13,100	10,500	8,800	
4250	59,100	29,600	19,700	14,800	11,800	9,900	
4500							

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

~~FAXED~~
5/4/98

Number of pages including cover sheet:

2

To:

GARY BENNETT

SARASOTA

Phone:

941 486 2600

Fax phone:

941 486 2620

CC:

From:

Jim Ford

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☒ Reply ASAP

☐ Please comment

NEED FIRE DEPT LETTER
AND

STRAINER / SCORER DETAIL

TAX

fm



L 1'-11 3/4" x W 0'-11 3/4" x H 0'-11 3/4" 11 GAUGE.
316 S.S FABRICATED BASKET WITH LIFTING HANDLE,
1/2" CIRCULAR OPENINGS AND 47% MIN. OPEN AREA

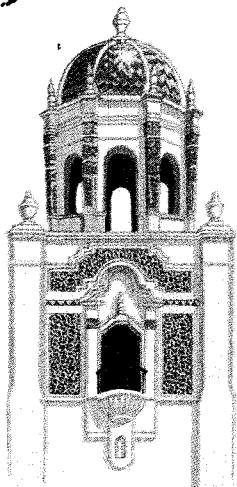


N O T E :
REFER TO SHEET 13 FOR TRENCH FRAMING DETAIL

INVERT OF PIPE TO BE FLUSH WITH CONCRETE
TO PROVIDE TOTAL DRAINAGE

Transmit Confirmation Report

No. : 009
Receiver : 8-1-941-486-2620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Sep 04 98 16:00
Time : 00'52
Mode : Norm
Pages : 01
Result : OK



**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

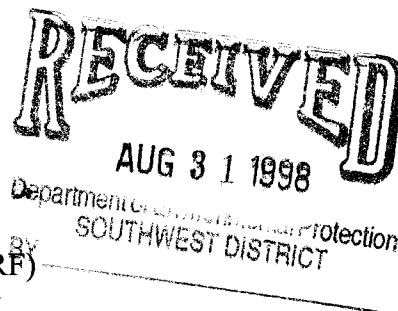
**Utilities Department
Solid Waste Operations Division**

4000 Knights Trail Road
Nokomis, Florida 34275
Telephone (941) 486-2600
FAX (941) 486-2620

August 28, 1998

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

Re: Central County Solid Waste Disposal Complex
Construction & Demolition Debris Recycling Facility (MRF)
Pending Permit Number 134912-001-SC, Sarasota County



Dear Mr. Ford:

The purpose of this letter is to provide the additional information requested by the Department in the telephone conversations and faxes between August 12, 1998, and August 25, 1998. Enclosed are the revised site plans and the revised operations plan.

Please contact me if you have any questions regarding this submittal.

Sincerely,

Mark Triplett, P.E.
Solid Waste Operations Division

RMT:lh
Enclosures

cc: Robert J. Butera, P.E. – FDEP, Tampa (without drawings)
James F. Gabbert - Meyer & Gabbert Excavating Contractors, Inc., (without drawings)

RECEIVED

AUG 31 1998

Department of Environmental Protection
BY _____
SOUTHWEST DISTRICT

OPERATIONS AND MAINTENANCE MANUAL
FOR THE
CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX
CONSTRUCTION AND DEMOLITION DEBRIS
MATERIALS RECOVERY FACILITY

4000 KNIGHTS TRAIL ROAD
NOKOMIS, FLORIDA 34275

August 1998

Prepared by:

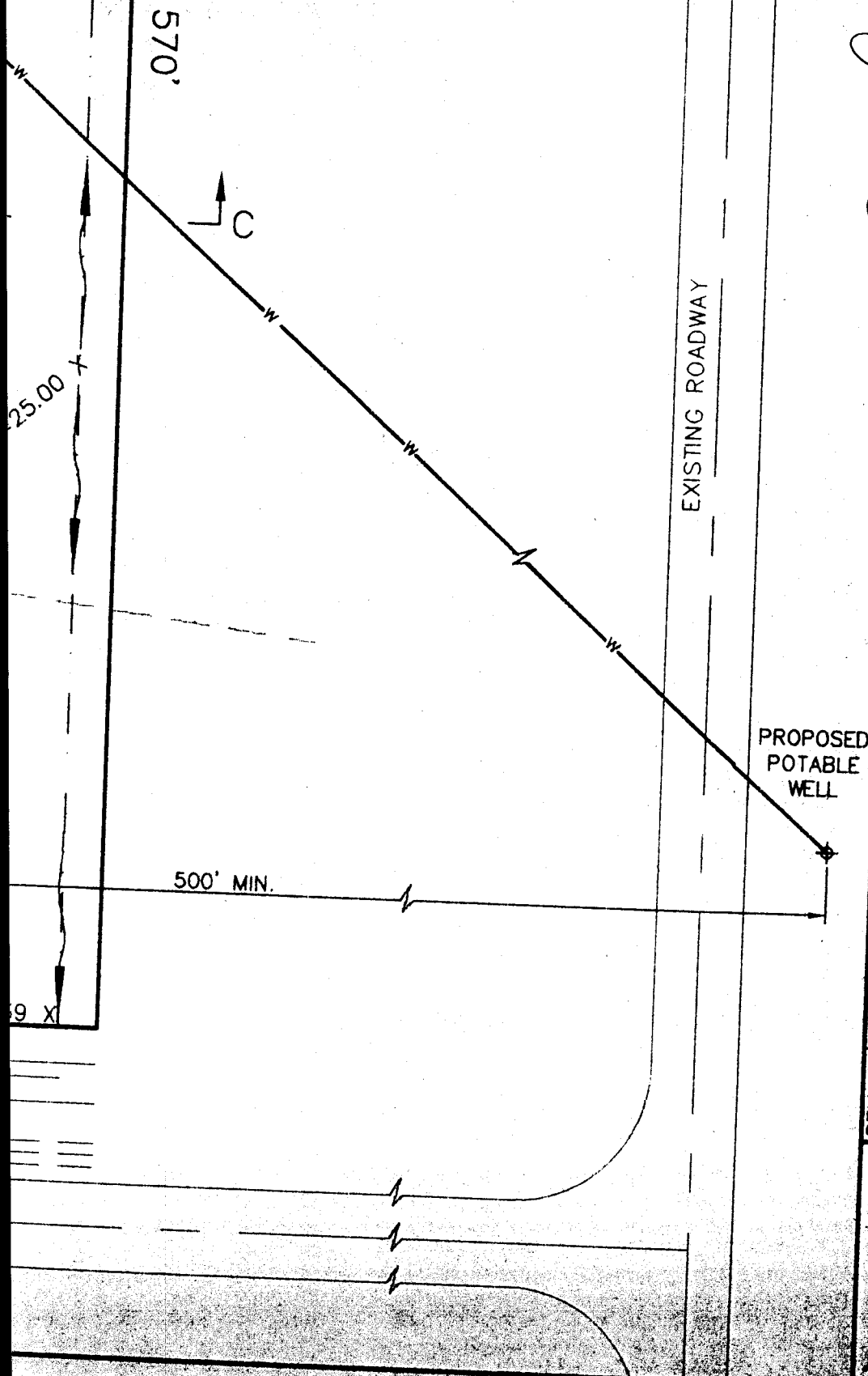
Sarasota County Government
Utilities Department
Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Florida 34275
941.486.2600

RECTIV 511

AUG 3 1 1998

BY Southwest District

C & D



Lawrence R. Weber
LAWRENCE R. WEBER
FLORIDA CERT. NO. 30899
Date: 8/27/98

REV. 8/18/98
REV. 8/26/98
REV. 8/27/98



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

Mr. Mark Triplett, P.E.
Sarasota County Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Fl. 34275

August 31, 1998

RE: Sarasota Central County C&D MRF
Financial Assurance Cost Estimates
Pending Permit No.: 134912-001-SO, Sarasota County

Dear Mr. Triplett:

This letter is to acknowledge receipt of the cost estimates dated August 21, 1998 for closure of the C&D MRF portion of the Sarasota Central County Solid Waste Disposal Complex. The cost estimates dated August 21, 1998 (total closing \$561,273.08), are **APPROVED for 1997** based on the increased storage capacities at the site. However, please be reminded that since 1997 costs were used, the next annual cost adjustment statement (inflation-adjusted or revised estimates) shall be submitted no later than September 1, 1998. Please note also that this letter does not constitute approval of the 1998 costs for the C&D MRF or the other landfill facilities.

A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. Please work with him directly to assess the facility's compliance with the funding mechanism requirements of Rule 62-701.630. F.A.C.

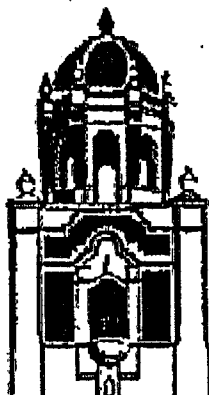
If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.
Solid Waste Section
Southwest District

sjp

cc: Paul Wingler, P.E., Sarasota Co., 8350 Bee Ridge Road, Sarasota, Fl. 34241
Fred Wick, FDEP, Tallahassee, w/attachment
Robert Butera, P.E., FDEP Tampa
Kim Ford, P.E., FDEP Tampa



Fax

Sarasota County Government
Utilities Department
Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Florida 34275
Phone: 941.486.2600
Fax: 941.486.2620
email: mtriplett@co.sarasota.fl.us

To: Susan Pelz, P.E.

From: Mark Triplett, P.E.

Fax: 813.744.6125

Pages: Three

Phone: 813.744.6100

Date: August 21, 1998

Re: C & D MRF FACE

CC: none

☒ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ For Your Use

● Comments:

In accordance with the Department's instructions received via fax on August 14, 1998, attached you will find tables showing the revised storage capacities and closure cost estimate for the construction and demolition debris materials recovery facility to be located at the Central County Solid Waste Disposal Complex.

A scaled original will follow via regular mail.

Table 1. Storage Area Capacities

Material	Dimensions ¹	Volume	Mass
Mixed Waste ²	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #1 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	75 ft. x 50 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Finished Product ⁵	225 ft. x 35 ft. x 15 ft.	4,375 cu. yds.	1,610 tons
Clean Cardboard ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁷	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁸	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁹	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 - 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Finished Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the push wall and the edge of the leachate containment pad.
6. Clean Cardboard = 0.073 tons/cu. yd.
7. Clean Metals = 0.10 tons/cu. yd.
8. Clean Concrete = 0.555 tons/cu. yd.
9. Clean Wood = 0.10 tons/cu. yd.

Table 2. Construction and Demolition Debris Disposal Costs (for closure cost estimate)

Material	Mass	Load Cost ¹	Haul Cost ²	Disposal Cost	Total Cost
Mixed Waste	765 tons	\$382.50	\$765.00	\$48,784.05	\$49,931.55
Under-Roof Separation Area #1	765 tons	\$382.50	\$765.00	\$48,784.05	\$49,931.55
Under-Roof Separation Area #2	765 tons	\$382.50	\$765.00	\$48,784.05	\$49,931.55
Raw Product	1,610 tons	\$650.00	\$1,610.00	\$102,669.70	\$104,929.70
Finished Product	1,610 tons	\$650.00	\$1,610.00	\$102,669.70	\$104,929.70
Clean Cardboard	48 tons	\$24.00	\$48.00	\$3,060.96	\$3,132.96
Clean Metals	66 tons	\$33.00	\$66.00	\$4,208.82	\$4,307.82
Clean Concrete	2,310 tons	\$1,155.00	\$2,310.00	\$147,308.70	\$150,773.70
Clean Wood	665 tons	\$332.50	\$665.00	\$42,407.05	\$43,404.55
Totals	8,604 tons	\$3,992.00	\$8,604.00	\$548,677.08	\$561,273.08

Notes:

1. Load cost = \$0.50 per ton
2. Haul cost = \$1.00 per ton
3. Disposal cost = \$63.77 per ton
4. Costs taken from the 1997 CCSWDC FACE

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL**
-------------	------	----------	-----------	---------

15. Site Specific Costs (explain):

Waste Tire Facility (if applicable) \$118,050

Materials Recovery 596,500

Subtotal Site Specific Costs \$ 714,550

16. Contingency 7.5% % of Total 19,737,950 \$ 1,482,645

TOTAL CLOSING COSTS \$21,220,595

CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility, and comply with the requirements of Florida Administrative Code (FAC), Rule 17-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be revised and submitted to the Department annually as required by FAC 17-701.630(4).

Signature

Paul A. Winglee, P.E.

Name and Title (please type)

PE# 0012350

Florida Registration Number (please affix seal)

Central County Solid Waste Disposal Complex
Company Name

4000 Knights Trail

Mailing Address

Nokomis, FL 34275

City, State, Zip Code

941-486-2600

Telephone Number

Date: August 20, 1998

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

8/19/98

Number of pages including cover sheet:

3

To:

MARK TRIPLET

Phone:

941 486 2600

Fax phone:

941 486 2620

CC:

From:

Jim Fano

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☐ For your review

☐ Reply ASAP

☐ Please comment

MRF-TASLE
Comments

Table 1. Storage Area Capacities

Material	Dimensions	Volume	Mass
Mixed Waste ²	75 ft. x 85 ft. x 15 ft.	3,540 cu. yds.	1,300 tons
Under-Roof Separation Area #1 ³	50 ft. x 75 ft. x 15 ft.	2,085 cu. yds.	765 tons
Under-Roof Separation Area #2 ³	50 ft. x 75 ft. x 15 ft.	2,085 cu. yds.	765 tons
Raw Product ⁴	225 ft. x 75 ft. x 15 ft.	48,750 cu. yds.	3,220 tons
Clean Cardboard ⁵	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	48 tons
Clean Metals ⁶	40 ft. x 30 ft. x 15 ft.	665 cu. yds.	66 tons
Clean Concrete ⁷	150 ft. x 50 ft. x 15 ft.	4,165 cu. yds.	2,310 tons
Clean Wood ⁸	120 ft. x 100 ft. x 15 ft.	6,665 cu. yds.	665 tons

FINISHED PRODUCT

225 x 35 x 15

4375

1610

Notes:

1. The 15 foot height is not the normal operating condition, but represents the maximum height at each location and is shown for financial assurance cost estimating purposes only. The actual operating condition will vary at each location from 0 - 15 feet.
2. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the push wall.
3. Mixed waste = incoming construction and demolition debris (0.368 tons/cu. yd.)
4. Raw Product = ground construction and demolition debris (0.368 tons/cu. yd.); located between the under-roof separation areas and the edge of the leachate containment pad.
5. Clean Cardboard = 0.073 tons/cu. yd. ✓ 0.01 TN/cy
6. Clean Metals = 0.10 tons/cu. yd. ✓ 0.5 TN/cy
7. Clean Concrete = 0.555 tons/cu. yd. ✓ 1.1 TN/cy
8. Clean Wood = 0.10 tons/cu. yd. ✓ 1.8 TN/cy

9. FINISHED PRODUCT = 0.368 TN/cy

0.368 > MIXED (0.175 TN/cy), etc

AERATOR & PUMP FOR OFFICE
1 1/2" RPZ BACKFLOW PREVENTER

15" HDPE @ 0.40%
WATERTIGHT JOINTS)

METALS
CONTAINER

INV. = 24.00

TIRE
STORAGE

OPEN, GRATED
TRENCH DRAIN

3" SCH. 40 PVC
ASTM D-1785

Slope

INV. = 24.60

C.O.
F=27.25 X
22.82
23.07

FIRE
EXTINGUISHER
LOCATION

HAZARDOUS
WASTE
CONTAINER

ROLLOFF FOR
SOLID WASTE

UNDER-ROOF
SEPARATION
AREA #1

25'

2" HDPE @ 0.40%
WATERTIGHT JOINTS)

Slope

Slope

Slope

Slope

Slope

PROPOSED
GRINDER

Slope

MOVES AS
NECESSARY
FOR ACCESS TO
RAW PRODUCT

FINISHED
PRODUCT
LOADING
AREA

SHELL
PAVEMENT

UNDER-ROOF
SEPARATION
AREA #2
(ROOF DRAINS
TO GUTTER &
AWAY FROM
PROCESSING AREA)

C.O.
= 23.95

F=27.25 X

SEE DETAIL
SHEET 2

INV. = 24.00

OPEN, GRATED
TRENCH DRAIN

ROLLOFF FOR
SOLID WASTE

INV. = 24.60

F=25.50 X

X F=27.25

F=25.00 X

CLEAN
UNLOADING &

PROCESS
STORAGE

Slope

Slope

* PUS
MA

Transmit Confirmation Report

No. : 009
Receiver : 8-1-941-486-2620
Transmitter : WASTE MGT TAMPA SWDIST
Date : Aug 19 98 17:01
Time : 01'43
Mode : Norm
Pages : 03
Result : OK

SARASOTA COUNTY GOVERNMENT

UTILITIES DEPARTMENT

INTEROFFICE MEMORANDUM

TO: Kim Ford, P.E.
FDEP – Solid Waste

FROM: *mt* Mark Triplett, P.E.
Solid Waste Operations Division

SUBJECT: Transmittal of C & D MRF drawings

DATE: August 18, 1998

This memo serves as a transmittal cover for a duplicate of the referenced drawings previously submitted to the Department under cover of our July 20, 1998, correspondence.

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

3/14/98

Number of pages including cover sheet:

9

To:

MARK TRIPLETT

SARASOTA COUNTY

Phone:

(941) 316-1166

Fax phone:

(941) 316-1167

CC:

From:

fm FORD

Phone:

(813) 744-6100

x382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☒ Reply ASAP

☐ Please comment

NEED:

① ONE SET SITE PLANS / DRAWINGS
(SIGNED & SEALED)

② ONE NEW OPS PLAN
WITH TABLE 1.

③ ONE REVISED CLOSURE COST
PAGE 6 OF 11 (SIGNED & SEALED)

④ ATTACHED IS CERTIFICATION FORM
FOR THE PE — MAKE SURE ENTIRE SECONDARY
TANK SLAB HAS 2 COATS PRIOR TO PLACING TANKS.

fm

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL**
-------------	------	----------	-----------	---------

15. Site Specific Costs (explain):

Waste Tire Facility (if applicable)

\$118,050

Materials Recovery

150,000

FOR EXAMPLE

250,000

Subtotal Site Specific Costs

\$ 268,050

MORE

16. Contingency 10% % of Total 19,291,450

1,929,145

LESS

9.11%

TOTAL CLOSING COSTS

\$21,220,595

NO CHANGE SAME

\$ 71,450/AC

o/c

CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility, and comply with the requirements of Florida Administrative Code (FAC), Rule 17-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be revised and submitted to the Department annually as required by FAC 17-701.630(4).

PA Wingler
Signature

Paul A. Wingler
Name and Title (please type)

PE# 0012350
Florida Registration Number (please affix seal)

Central County Solid Waste Disposal Complex
Company Name

8350 Bee Ridge Road
Mailing Address

Sarasota, FL 34241
City, State, Zip Code

941-316-1166
Telephone Number

Date: May 15, 1997 Rev. July 9, 1997

Revised 7/9/97

CLOSURE COST ESTIMATE AT METRO RECYCLING - TAMPA

MATERIAL STORED	LOADING COST*			TRANSPORTATION COST**			DISPOSAL COST***		
	CU. YD.	LOADING COST/C.Y.	TOTAL COST	ESTIMATED TRUCK LOADS	COST PER LOAD	TOTAL COST	ESTIMATED TONS	DISPOSAL COST PER TON	DISPOSAL TOTAL COST
PROCESSED									
BAILED PAPER	280	\$0.75	\$210	3	\$325	\$975	21.5	20	\$430
BAILED CARDBOARD	282	\$0.75	\$212	3	\$325	\$975	20.5	20	\$410
BAILED PLASTIC (H.D.P.E. & P.E.T.)	65	\$0.75	\$49	2	\$325	\$650	13.5	20	\$270
SCRAP METALS*****	40	\$1.00	\$40	2	\$325	\$650	4	20	\$80
WOOD*****	40	\$0.65	\$26	2	\$325	\$650	4	20	\$80
GLASS*****	20	\$1.00	\$20	1	\$325	\$325	3	20	\$60
CONCRETE AND ROCK	74	\$0.00	\$0	0	\$0	\$0	0	0	\$0
CLASS I	4	\$1.00	\$4	1	\$325	\$325	2	75	\$150
PROCESSED TOTALS	805		\$560	14		\$4,550	68.5		\$1,480
UNPROCESSED									
UNBAILED PAPER (SOURCE SEP. AND SORTED)	50	\$2.00	\$100	2	\$325	\$650	20	20	\$400
UNBAILED CARDBOARD (SOURCE SEP. AND SORTED)	300	\$1.00	\$300	2	\$325	\$650	3.5	20	\$70
UNBAILED PLASTIC (SORTED) (H.D.P.E. & P.E.T.)	20	\$1.00	\$20	1	\$325	\$325	2	20	\$40
MIXED LOADS AND UNSORTED CLASS III	500	\$1.00	\$500	8	\$325	\$2,600	184	20	\$3,680
CLASS I	2	\$1.50	\$3	1	\$325	\$325	1	75	\$75
RESIDUE*****	95	\$1.00	\$95	1	\$325	\$325	23	20	\$460
UNAUTHORIZED WASTES	2	\$1.00	\$2	1	\$325	\$325	2	75	\$150
UNPROCESSED TOTALS	969		\$1,020	16		\$5,200	235.5		\$4,875
GRAND TOTALS	1774		\$1,580	30		\$9,750	304		\$6,355
UNPROCESSED TOTALS	969		\$1,020	16		\$5,200	235.5		\$4,875
GRAND TOTALS	1774		\$1,580	30		\$9,750	304		\$6,355

* LOADING COSTS ARE BASED ON DEGREE OF PROCESSING AND ARE CONSERVATIVE IN NATURE.

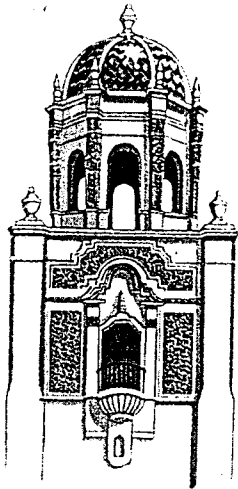
** TRANSPORTATION COSTS ARE BASED ON A TRUCK LOAD CAPACITY OF 65 YARDS AND 26 TONS @ \$12.50/TON. ALSO, ALL TRUCKS ARE CONSIDERED FULL FOR THE PURPOSES OF THIS ESTIMATION.

*** DISPOSAL COSTS ARE BASED ON ACTUAL COST FOR DISPOSAL PER ATTACHED STATEMENTS.

**** RESIDUE (LOADED TRAILER IN TRUCK WELL)

***** THIS PROCESSED WASTE WOULD BE STORED IN 20 YARD ROLLOFF BINS, THEREFORE A TRUCK LOAD EQUALS 20 YARDS FOR THIS MATERIAL.

NOTE: FIGURES INDICATE THE MAX. AMOUNT OF MATERIAL ABLE TO BE STORED ON SITE AT ANY ONE TIME.



SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA

Solid Waste Department
Operations Division

8350 Bee Ridge Road
Sarasota, Florida 34241
Telephone (941) 316-1166
FAX (941) 316-1167

April 30, 1996

Ms. Susan J. Pelz, E.I.
Solid Waste Section
Division of Waste Management
Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Subject: Bee Ridge Landfill Financial Assurance Cost Estimates (FACE)
Permit No.: SO58-244738, Sarasota County

Dear Ms. Pelz:

The following information is in response to your March 19, 1996 comments on our closure/post closure cost estimates for Bee Ridge Landfill:

Closing Costs:

1. Revegetation - Sodding. (Section 7 Revegetation)
The weighted average for sodding on Phases I/II (85 acres at \$1.20/SY) and Phase III (30 acres at \$0.77/SY) was equivalent to \$1.09/SY. This number has been increased by 5% to \$1.15/SY for use in our closure cost estimate. With respect to long-term care, \$1.20/SY has been applied since the unit cost for limited quantity of sod (1/4 acre) could be expected to be higher than bulk cost. (We currently have a limited quantity bid to provide sod at a quoted cost of \$1.17/SY.) Section 7 of the attached FACE has been modified to reflect this change.
2. Quality Assurance. (Section 14 Quality Assurance)
The quality assurance estimate for closure of the remaining portion of the site has been revised from \$109,100 to \$173,785.00. Section 14 of the attached FACE has been modified to reflect this change.



3. Waste Tire Facility. (Section 15 Site Specific Cost)

The revised FACE (attached) contains the \$27,000 closure cost estimate associated with the Waste Tire Facility.

4. Materials Recovery Facility. (Section 15 Site Specific Cost)

Maximum material quantities which could reasonably be expected to be on site at any time are as indicated on the attached table, ("C&D Material Disposal Costs".) Total costs for material disposal is \$122,655. Additional general site restoration costs of \$25,000 brings the total estimated closure cost for the C&D facility to \$147,655. This estimate is reflected in the attached FACE.

Long-Term Care:

1. Leachate Monitoring. (Section 3)

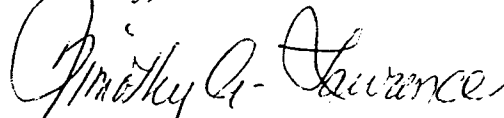
Our letter of February 23, 1996 stated that the original monitoring cost estimates were based on a 5 % increase over previously developed values. However, a current cost estimate from our laboratory coordinator has since been received, and is attached. This estimate requires an allocation of \$7,524.00, which is based on the necessary sampling frequencies as per our permit. The estimated long-term care cost for ground water monitoring (Section 1) has also been revised to \$16,380 in accordance with our current sampling frequency.

2. Leachate - Off-site Disposal. (Section 5)

The leachate hauling/disposal cost previously reported was in error. Actual costs are \$0.024/gallon for trucking and \$0.0041/gallon for disposal. The correct combined trucking and disposal cost is therefore \$28.10/1000 gallons. The attached FACE, long-term care estimate has been amended to reflect this fact.

Hopefully, this submittal has adequately addressed all of your questions and comments concerning our closure/post closure cost estimates for Bee Ridge Landfill. If you have additional questions, however, please do not hesitate to contact me.

Sincerely,



Timothy A. Lawrence, P.E.
Solid Waste Operations Manager

TAL:lh
Enclosure

cc: Paul A. Wingler, Engineer
Robert J. Butera, D.E.P.

~~XXXXXX~~

C&D MATERIAL DISPOSAL COSTS

Material Type	Maximum Storage (tons)	Load Out (\$0.50/T)	Haul to Landfill (\$1.00/T)	Tipping Fee (\$63.77/T)	Disposal Cost Total
FEED STOCK	600	\$300	\$600	\$38,262	
DIRT	400	\$200	\$400	\$0	
REJECTS	100	\$50	\$100	\$6,377	
CONCRETE	300	\$150	\$300	\$19,131	
SHINGLES	300	\$150	\$300	\$19,131	
WOOD	500	\$250	\$500	\$31,885	
METAL	50	\$25	\$50	\$3,189	
CARDBOARD	20	\$10	\$20	\$1,275	
TOTAL	2,270	\$1,135	\$2,270	\$119,250	\$122,655

STORM DRAIN DITCH SYSTEM

LANDFILL

LEACHATE POND

TRUCK TRAVEL

OFFICE ETC.

CONC. DECK W/ ROOF OFF LOADING HAND/MACHINE PICK AREA

BALER

MISCEL. REJECTS

RECEIVING CONTAINERS METAL, WOOD, DRUMS, PLASTIC, CARBOARD

PICKING LINE W/ CONTAINERS BELOW

TRUCK & OR CONTAINER TROMMEL SCREENINGS (DIRT)

BALE STORAGE

SCREENED PROJECT

WOOD (SKY) GRINDER

WOOD (DRUMS) TROMMEL

CONC. BIN

STORM DRAIN DITCH SYSTEM

LANDFILL

LEACHATE DRAIN DITCH

DRAINAGE TO STORM WATER

DRAINAGE TO LEACHATE

DRAINAGE TO STORAGE

STORAGE (TONS)

1	TROMMEL (DIRT)	500
2	(NOT USED)	
3	REJECTS	100
4	CONCRETE	400
5	SHINGLES	400
6	WOOD	50
7	METAL	50
8	CARDBOARD	20

REMOVAL FROM SITE WILL BE ON A "FILL & SHIP" BASIS

SITE PLAN IV-95

REV. 12/4/95

D.E.P.

DEC - 7 1995

NORTH

SCALE 1" = 50 FT

DEC - 7 1995

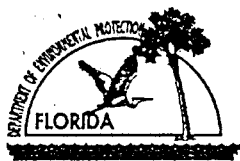
SOUTHWEST DISTRICT
TAMPA

Incoming, unprocessed C&D material will not be stored for more than three operating days, and every effort will be made to process received material within 24 hours. In no case will the quantity of unprocessed material exceed 2000 tons.

It is not anticipated that the quantity or makeup of C&D material delivered to the MRF over the next 5-year period will vary significantly. However, the contractor has stated that an increase of up to 100 percent could still be handled with his present equipment and setup. Expanded hours and/or manpower would possibly be requested in such an instance.

MATERIAL	PER-CENT	MATERIAL DISPOSITION	MAXIMUM STORAGE QUANTITY (TONNAGE)
Dirt:	32	used by landfill as daily cover	400
Screen rejects:	17	used by landfill as base material	100
Crushed concrete:	17	sold either to landfill or to others for use as road buildup	400
Shingles:	8	used by landfill mainly as roadbase material, but occasionally as daily cover when ground up and mixed with soil	400
Chipped wood:	17	sold or given to area businesses	50
Metal:	8	sold to area metal recycler (picked up approximately once per week)	50
Cardboard:	1	sold to paper recycler (picked up approximately every other week)	20

Foam rubber will also be reclaimed, although it is a very small percentage of the whole by weight.



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

DEP Form # 62-701.9002
Form Title <u>Certification of Construction Completion</u>
Effective Date <u>May 19, 1994</u>
DEP Application No. _____ (Filled by DEP)

Certification of Construction Completion of a Solid Waste Management Facility

DEF Construction Permit No: _____ County: _____

Name of Project: _____

Name of Owner: _____

Name of Engineer: _____

Type of Project: _____

Cost: Estimate \$ _____ Actual \$ _____

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

Deviations from Plans and Application Approved by DEP: _____

Address and Telephone No. of Site: _____

Name(s) of Site Supervisor: _____

Date Site inspection is requested: _____

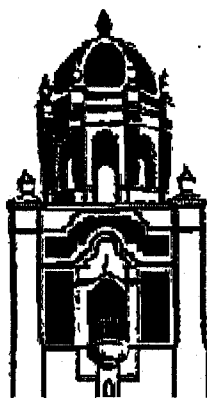
This is to certify that, with the exception of any deviation noted above, the construction of the project has been completed in substantial accordance with the plans authorized by Construction

Permit No.: _____ Dated: _____

Date: _____
Signature of Professional Engineer

Transmit Confirmation Report

No.	:	005
Receiver	:	819413161167
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Aug 14 98 11:14
Time	:	05:42
Mode	:	Norm
Pages	:	09
Result	:	OK



Fax

Sarasota County Government
Utilities Department
Solid Waste Operations Division
4000 Knights Trail Road
Nokomis, Florida 34275
Phone: 941.486.2600
Fax: 941.486.2620
email: mtriplett@co.sarasota.fl.us

To: Kim Ford, P.E.

From: Mark Triplett, P.E.

Fax: 813.744.6125

Pages: three

Phone: 813.744.6100

Date: August 13, 1998

Re: C & D MRF - coating spec

CC: None

☒ Urgent

☒ For Review

☐ Please Comment

☐ Please Reply

☐ For Your Use

● Comments: Here is the coating spec. for the secondary containment.



LATEX BASE DRYLOK MASONRY® WATERPROOFER

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

Latex Base DRYLOK Masonry Waterproofing is a ready-to-use masonry waterproofer formulated for waterproofing all interior, exterior, above and below grade masonry walls, basements, swimming pools and foundations. No pre-mixing or pre-wetting is necessary.

Because it's latex-based, this product has a low-odor, fast-drying formula that cleans up easily with soap and water. This tough, alkali-resistant coating may be applied on slightly damp surfaces, but best results are obtained when applied on dry surfaces. Not for use on floors.

SURFACE PREPARATION

Masonry surfaces must be clean and free from dirt, dust, grease, oil, form release compound, frost and paint. DRYLOK Latex Base Masonry Waterproofing is not warranted when used over previously painted surfaces. Patch all holes and cracks with DRYLOK Fast Plug hydraulic cement and smooth the patch evenly with the surface around it.

Check the joint where the floor and wall meet and fill any breaks with DRYLOK Fast Plug. EFFLORESCENCE, a white, powdery, crystal-like deposit visible on the masonry surface, must be removed. DRYLOK ETCH, used according to directions, is an effective efflorescence removal agent.

APPLICATION

STIR THOROUGHLY BEFORE AND DURING APPLICATION. DO NOT THIN. Apply Latex Base DRYLOK Masonry Waterproofing directly on bare masonry to achieve maximum waterproofing properties. Latex Base DRYLOK Masonry Waterproofing may be applied by brush, roller or spray. For information on spray application, write UGL and ask for specification sheet D-88.

APPLY TWO COATS using a DRYLOK Brush or good quality synthetic bristle brush. Paint only when air and surface temperatures are 50°F or higher.

IMPORTANT: If leaking is still present after two coats, it indicates that pores or pin holes are still open. These areas should be painted again. When painting the inside of concrete cisterns, fish ponds, water tanks or swimming pools, allow Latex Base DRYLOK Masonry Waterproofing to dry at least one week before putting into service.

COVERAGE

On rough, porous masonry, apply at the rate of 75 sq. ft. per gallon for the first coat and up to 125 sq. ft. per gallon for succeeding coats. On smooth, dense surfaces, apply at the rate of 100-125 sq. ft. per gallon for the first coat and up to 125 sq. ft. per gallon for succeeding coats.

DRYING TIME

Allow 2-3 hours drying time. May be recoated in 3 hours.

(over)

TINTING

Latex Base DRYLOK Masonry Waterproofer may be tinted to any light shade with alkali-proof universal tinting colors. Use only 25 percent of color normally recommended. Do not use more than 2 fl. oz. of colorant per gallon.

Latex Base DRYLOK Masonry Waterproofer is ideal as a finish coat. If desired, however, a high-quality latex paint can be applied after 24 hours for decorative purposes.

CLEAN-UP

Clean application tools immediately after use in warm, soapy water. If material has dried, clean the tools using UGL FASTRIP Brush Cleaner.

PRODUCT CHARACTERISTICS

Percent Non-Volatile by Weight: 67

Percent Non-Volatile by Volume: 49

Viscosity: 130 \pm 5 KU @ 77°F

Density: 12.65 \pm 0.2 lbs./Gal.

pH: 9.7 \pm 0.2

Does Not Exceed Maximum VOC 250 g/L; VOS 2.1 lbs./Gal.

Complies with California Air Pollution Regulations.

Latex Base DRYLOK Masonry Waterproofer meets all environmental standards for low emissions of solvent vapors.

Passed performance requirements of Federal Specification TT-P-1411A

Meets or exceeds Section 4.4.7, Resistance to wind-driven rain, of Federal Specification TT-C-555B.

CAUTION

May cause eye and skin irritation. Avoid breathing vapors or spray mist. Open windows or doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Avoid contact with eyes and skin. Wash thoroughly after use. Close container after use.

FIRST AID

Eye Contact: Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

If Inhaled: If affected by vapors or spray mist, move to fresh air. If breathing difficulty continues, get medical attention.

If Swallowed: Drink two glasses of water. Get medical attention immediately.

DO NOT TAKE INTERNALLY.

KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN.

WARRANTY

Latex Base DRYLOK Masonry Waterproofer, when applied according to directions on a properly prepared bare masonry surface, except when leaks are due to cracking of the surface or recurring efflorescence, is warranted to provide a waterproof coating for five years from the date of sale or UGL will refund the cost of the DRYLOK.

AVAILABILITY

Latex Base DRYLOK Masonry Waterproofer is available in white, gray, beige, and blue in one-gallon cans and five-gallon pails. It may be purchased at hardware stores, home centers, paint stores and lumber yards.

Bob

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 8/12/98 Subject CID MRF
Time 8:20 Permit No. PENDING
County SARASOTA
M MARK TRIPLETT Telephone No. 941 4862600
Representing SARASOTA COUNTY
☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting
Other Individuals Involved in Conversation/Meeting _____

Summary of Conversation/Meeting _____

DISCUSSED OPS PLAN
REVISIONS NEEDED.

DISCUSSED AD CONVEYORS OVER
CONTAINMENT PAD AND TRUCK LOADING
MT SAID TRUCKS NOT LOADED OVER
CONTAINMENT PAD

I SAID CONCERN IS SPILLAGE FROM
LOADING

MT SAID IS IT OK IF PICKED UP AT END
OF EACH DAY

I SAID NO - NO SPILLAGE OUTSIDE
CONTAINMENT PAD POSSIBLY USE A
HOPPER

MT SAID 300 CY CONCRETE BEING POURED TODAY

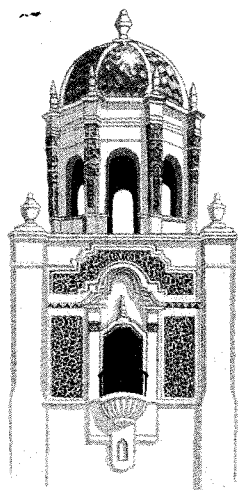
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sheet, if necessary)

Signature [Signature]

Title _____

PA-01
1/96
pap

I SAID IS A QWNB SINCE PERMIT HAS
NOT BEEN ISSUED AND NO DEP APPROVAL



**SARASOTA COUNTY GOVERNMENT
SARASOTA, FLORIDA**

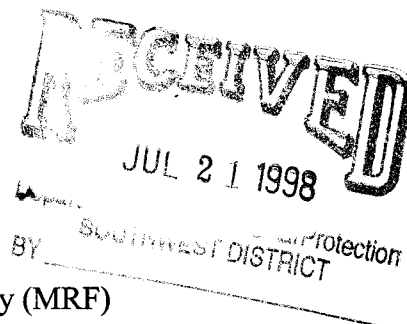
**Utilities Department
Solid Waste Operations Division**

July 20, 1998

4000 Knights Trail Road
Nokomis, Florida 34275
Telephone (941) 486-2600
FAX (941) 486-2620

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

Re: Central County Solid Waste Disposal Complex
Construction & Demolition Debris Recycling Facility (MRF)
Pending Permit Number 134912-001-SC, Sarasota County



Mr. Ford:

The purpose of this letter is to provide the additional information requested by the Department in the comment letter dated April 28, 1998, and at the meeting held at the Southwest District offices on May 8, 1998. The responses are itemized relative to the comment letter.

- ✓ 1. The location of the proposed potable water well has been moved to the east to provide a minimum 500 foot setback from the leachate containment area. This location is shown on Sheet 1 of the revised drawings.
- ✓ 2. The location of roll-off containers and the type of recyclable material or waste contained are shown on Sheet 1 of the revised drawings. The process flow diagram has also been revised to indicate this information.
3. The drawings have been revised in accordance with the agreements reached in the May 8, 1998, meeting. The processing and storage areas are dimensioned on the site plan and discussed in the operations manual.
4. The leachate sprinkler system conforms to the requirements of Rule 62-701.400(6) FAC. The design drawings are signed and sealed by a professional engineer. The storage capacity of this system is shown on the drawings and the calculations are included in Appendix One. Material specifications are included in appendix seven.

There are no potential sources of groundwater and/or surface water contamination at this facility. Specifically, the grinder/conveyor and sprayed leachate will be contained on the containment pad. The sprinkler water storage tanks will be located within a secondary containment structure. The interior of this secondary containment structure will be

Kim Ford, P.E.
July 20, 1998
Page 2

coated with a concrete waterproofing coating. The concrete leachate pump wet well will have a watertight seal installed between the tank halves. The influent pipe will have a watertight seal installed consisting of a resilient pipe seal and neoprene boot.

5. A revised Operations and Maintenance Manual is enclosed. This manual has been revised to meet the criteria found in Rule 62-701.700 FAC in accordance with the Rule 62-701.730(13)(b) FAC.
6. The annual report for the Bee Ridge Landfill C & D Debris Materials Recovery Facility was submitted to the Department's headquarters on May 8, 1998, with a copy sent to the Department's Southwest Regional Office in Tampa.

Please contact me if you have any questions regarding this submittal.

Respectfully,



Mark Triplett, P.E.
Solid Waste Operations Division

RMT

Enclosure

- C Robert J. Butera, P.E. – FDEP, Tampa (without drawings)
James F. Gabbert - Meyer & Gabbert Excavating Contractors, Inc., (without drawings)

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

~~FAKED~~

Date:

4/29/18

Number of pages including cover sheet:

9

To:

GARY BENNETT

SARASOTA COUNTY

Phone:

941 316 1166

Fax phone:

941 316 1167

CC:

From:

Kim Ford

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:

☐

Urgent

☒

For your review

☐

Reply ASAP

☐

Please comment

Q&A MRF

Comments

AND NOTES

THE 2 EXAMPLES I LEFT

WHEN WE MET IN FEBRUARY

SHOULD PROVIDE CLARIFICATION

ON SOME OF THESE ALSO

Process Flow Narrative

1) Customer arrives at County scale-house, receives ticket and is directed to C & D site

2) Customer arrives at M&G site and is greeted by secretary, and presents scale-house ticket to secretary. Driver removes tarp and is verbally questioned about load contents. (M&G manager/spotter is notified in event of problem or questionable load) Secretary radios spotter of incoming load.

3) Customer (under direction of spotter) proceeds to pre-pick area. Load is dumped into pre-pick area or ~~designated storage area for clean loads~~. Customer then leaves facility through marked exit. *Demolition loads dumped outdoors.*

4) Material is then pre-picked by bobcat to remove large recyclables. *Demolition and segregated* After bobcat picks load, then hand labor picks for large or difficult to process materials and non-construction type waste materials. Non-construction type waste materials are then loaded into roll-off containers within the leachate containment area, for subsequent landfill disposal. Material is then stockpiled at grinder loading area. Material is watered as needed for dust control. *Mixed C&D*

5) Once adequate accumulation of materials is reached, the material is then loaded into grinder hopper. Material is processed and conveyed by 27 foot discharge conveyor into trucks for transport to active landfill for use as alternate daily cover. *Wood and shingles will be processed and stored separately. Processed wood will be stored outdoors on the ground. Processed shingles will be stored outdoors in covered roll-offs.*

6) Pre-picked material will be stockpiled in bins and loaded into trucks for market delivery. *Recyclable such as?* *Twitter?*

7) Material leaves M&G facility and is weighed at county scales as it leaves landfill in route to market. Non-construction type waste material is also weighed and transported to landfill face.

MAINTENANCE BUILDING

PROCESS FLOW STEP PLAN

Cardboard Processing & Storage
Cardboard

Metals Processing & Storage
Metals

Roll-off in lot

Roll-off for non-construction type waste

VEHICLE TURN AROUND & BACKING AREA

LEACHATE CONTAINMENT AREA

Hauler Unloading Area (All Shaded Area)

Roll-off for non-construction type waste

Clean Concrete Processing/Storage & Loading

Shingles Storage & Loading
is not clean may cause pollution

Dirt Storage & Loading Area
USE TRAILER

Raw Wood Unloading & Processing
Processed Mulch Storage & Loading

ENTRANCE

OFFICE

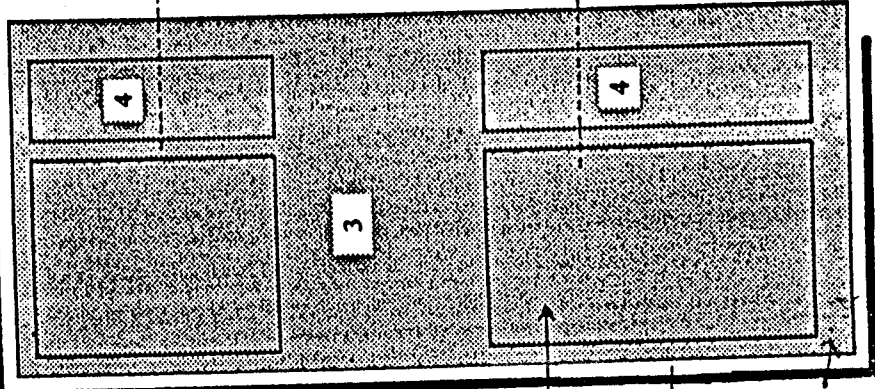
7

1

2

5

6



Storage Area Capacity and Description

Material	Dimension	Typical on site	Notes:
Concrete	50 x 150 x 4 5	213 cu. yds	or 400 tons
Shingles	50 x 150 x 5	427 cu. yds.	
Raw wood	50 x 50 x 100	925 cu. yds.	Unprocessed wood & lumber
Mulch	25 x 50 x 10	462 cu. yds	Processed wood & lumber
Dirt	15 x 50 x 10	277 cu. yds	
Metals	Containers		Metals will be stored in roll-off containers
Cardboard loose	20 x 20 x 6	88 cu. yds.	Stored under cover next to bailer. Storage will be a rotating stock of loose and bailed material.
Cardboard bailed	36 bales	to 20 tons	Stored under cover at the reclaimed materials storage area.

Mixed
Waste

100' x
200' x 5'

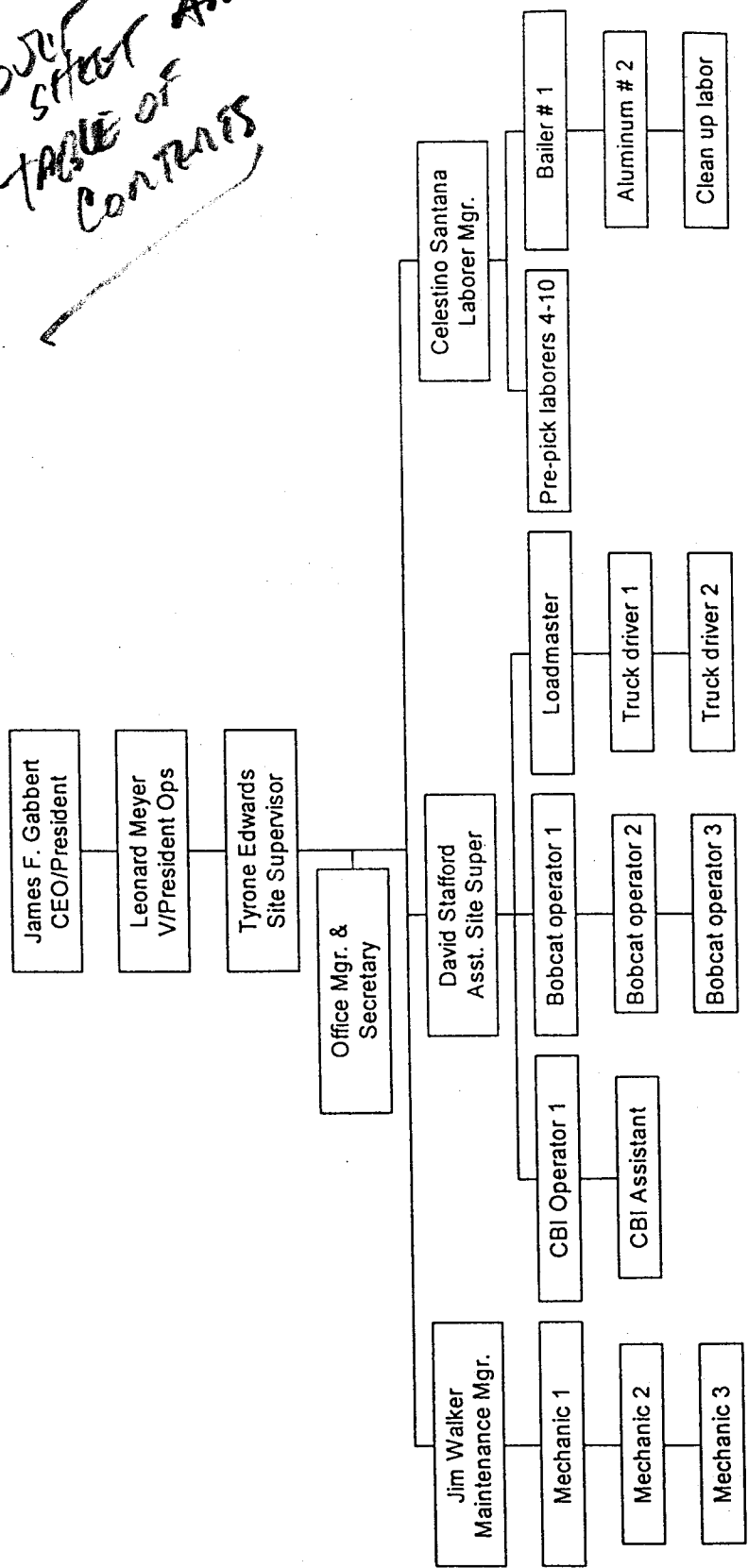
LEACHATE CONTAINMENT NARRATIVE

- Step #1 Customers arrive at the county scale facility. Construction & Demolition debris loads are directed to the MRF site.
- Step #2
- Upon arrival at the MRF the customer is greeted by the office secretary. At this time load contents are identified. Loads that are questionable or could be problematic are further inspected by the on duty spotter and/or county supervisory personnel.
 - Following the load disposition determination, acceptable loads of mixed material are unloaded on the concrete slab pre-pick area. This area is designed to control the potential leachate that may be within a load or produced due to a rain event. Loads of material that contain clean segregated material will be directed by the spotter to their respective storage and processing areas.
- Step #3 In the event any leachate is within a load or rain creates leachate, the entire leachate control area is poured concrete sloped to drain into the control system. Any liquid that is generated will gravity flow to the trench drains. The trench drains #3 are 50' each and will gravity flow to a cleanout. *W/THAT MATERIALS?*
- Step #4 From this point leachate will flow northerly within 220' of 12" HDPE #4 *westerly into* and then into 160' of 15" HDPE. *180' 11"*
- Step #5 Leachate will then enter #5, a 5000 gallon separator box. This separator box will be inspected weekly to assure removal of solids and sediment. This structure will remove silt, solids and turbidity.
- Step #6 Leachate will flow into #6, the leachate wet well pump station. This pump station is 1000 gallon capacity and contains 2 pumps. *WHY DIFFERENT? CONNECT WITH VALVE FOR REDUNDANCY*
- Step #7 The sprinkler pump will transfer liquid into the sprinkler storage area #7. This storage liquid will be used for dust control prior to and during grinding operations within the leachate control area. (see detail).
- Step #8 If the sprinkler storage area is at maximum capacity and more leachate enters the wet well pump station, the leachate pump, will activate. This pump, a hydromatic SPGH500 will pump the leachate through a flow meter #8. *of _____ gallons*
3rd pump?
- Step #9 After passing through the flow meter, the leachate will travel within a 250' 4" HDPE force main #9 through a tapping saddle and sleeve into the existing 6" HDPE force main to be conveyed to the county collection system. *backflow prevention!*

Meyer & Gabbert Excavating

C&D Facility

*copy sheet AND
TABLE OF
CONTENTS*



INCOMING C&D WASTE SCREENING OPERATIONAL STEP PLAN

- Step 1 Incoming C&D debris is identified at county scale house and diverted to Meyer & Gabbert facility.
- Step 2 Hauler arrives at C&D site office and proceeds to office window where clerk receives scale ticket and will verbally question hauler about load contents. Clerk will explain load rejection policy, if contents are questionable. Clerk will also question hauler about hazardous materials content within load.
- Step 2A In the event household hazardous materials are detected, the load will be redirected to a household hazardous waste site. If commercial haz waste is detected the load will be rejected.
- Step 3 Hauler, after passing initial verbal inspection at office, will be directed to load master who will direct the load to the respective unloading area. The spotter will monitor the unloading activity usually checking for hazardous materials, unacceptable load content, and safety concerns.
- Step 4 If unacceptable materials are discovered after unloading, hauler will be notified. Our spotter will physically document with film and/or written notice to hauler and Sarasota County. If unacceptable materials are encountered involving hazardous wastes, Meyer & Gabbert will implement our hazardous waste contingency plan in Section _____.
- Step 5 If non recyclable materials are the predominant materials within the load, the load will be inspected by a County supervisor and redirected to the landfill working face.

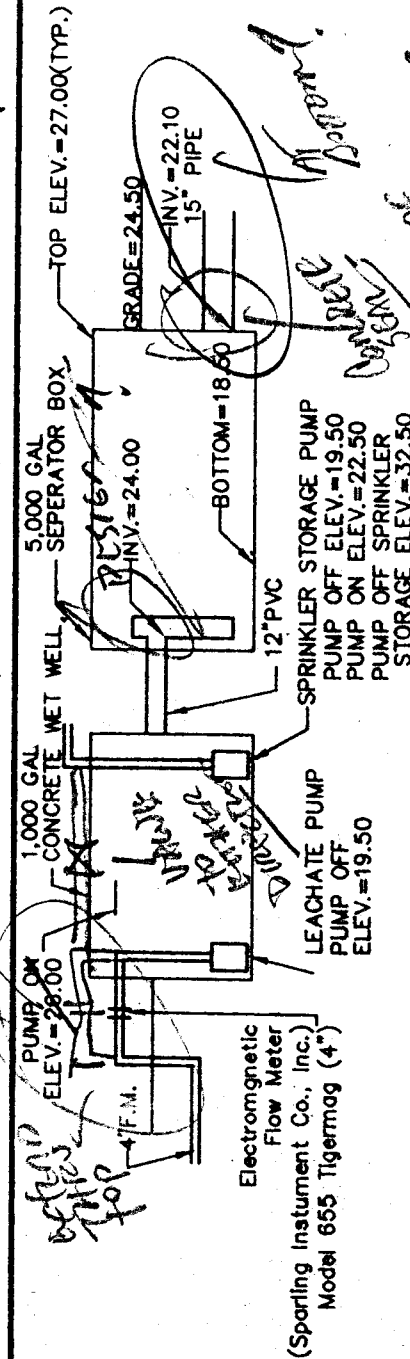
WHAT
policy?

THE
WHOLE
LOAD??

hazardous

manager or
spotter?

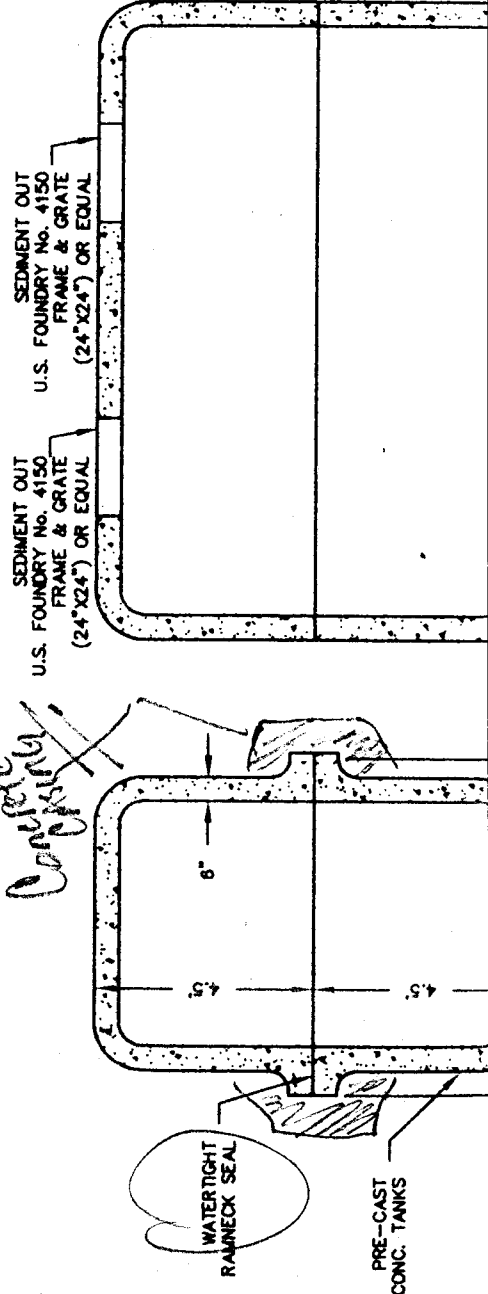
24.0, use of trench drains to be dry



LEACHATE PUMP WET WELL DETAIL NOT TO SCALE

- LEACHATE PUMP (1)
HYDROMATIC MODEL SPGH500 GRINDER PUMP
5 HP, 3500 RPM, 1PH, 230V, 60HZ
80 GPM @ 29.5 TDH
- SPRINKLER PUMP (2)
HYDROMATIC MODEL S SUBMERSIBLE PUMP
2 HP, 1750 RPM, 1PH, 230V, 60HZ
170 GPM @ 22 TDH

*Service
to be
provided
by
owner*

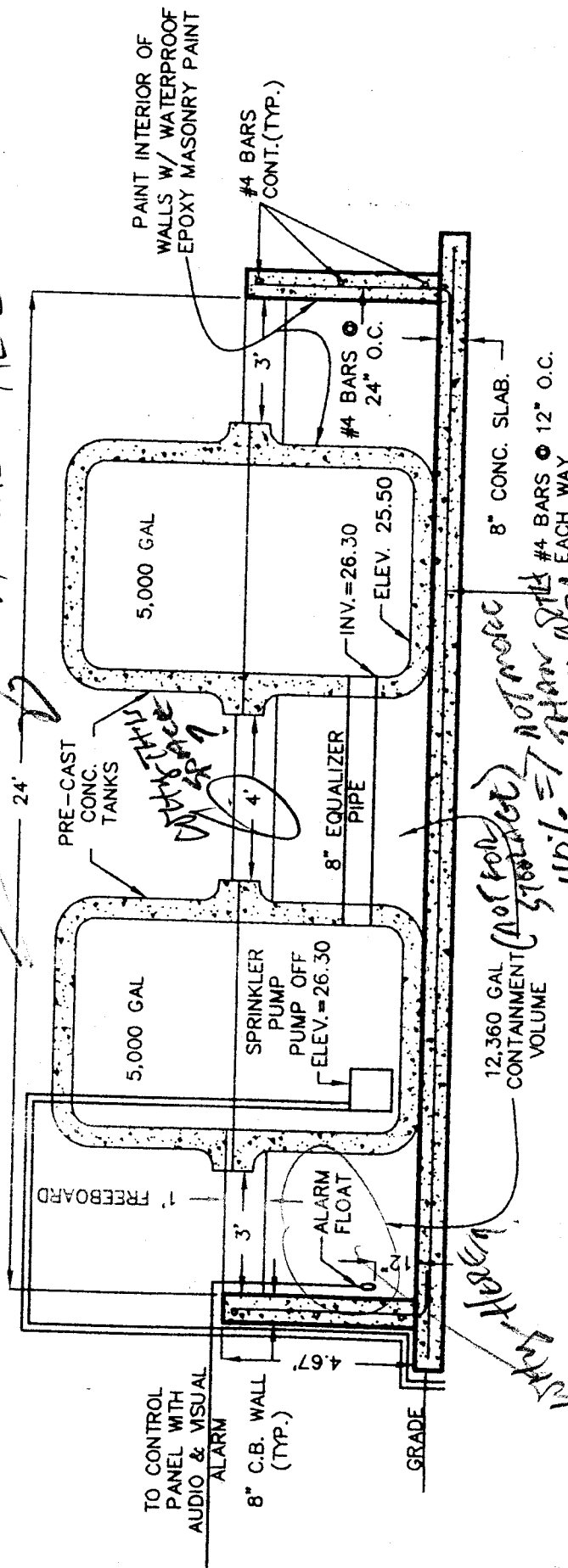


1. 8" Shell Base compact density AASHTO T-18
2. 8" Compacted Subgrade Proctor Min. LBR 40.

SHELL PAVEMENT

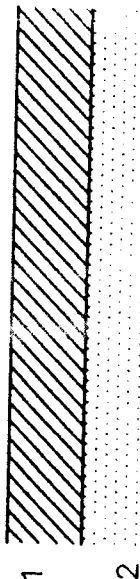
SECTION

Scale: 1"=2' Vert



SPRINKLER WATER STORAGE DETAIL

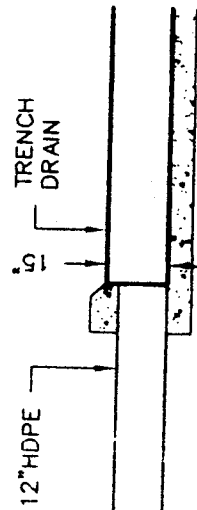
NOT TO SCALE



1. 8" Shell Base compacted to 98% max. density AASHTO T-180 (Modified)
2. 8" Compacted Subgrade 98% standard Proctor Min. LBR 40.

SHELL PAVEMENT DETAIL

SCALE: 1"=1'-0"



TRENCH DRAIN TO HDPE CONNECTION DETAIL

NOT TO SCALE

4" RESILIENT WEDGE GATE VALVE W/ ROADWAY BOX

EXISTING FORCE

Transmit Confirmation Report

No. : 002
Receiver : 819413161167
Transmitter : WASTE MGT TAMPA SWDIST
Date : Apr 30 98 7:49
Time : 04'45
Mode : Norm
Pages : 09
Result : OK



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

April 28, 1998

Mr. Gary Bennett
Solid Waste Management
8350 Bee Ridge Road
Sarasota, FL 34241

Re: CCSWDC C&D Recycling Facility (MRF)
Pending Permit No.: 134912-001-SC, Sarasota County

Dear Mr. Bennett:

This is to acknowledge receipt of the additional information in support of your permit application received April 3, 1998 to construct and operate a materials recovery facility.

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

Your application for a permit remains incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]. Please provide:

- ✓ 1. 62-701.300. These prohibitions shall not be violated. Please provide clarification regarding the use of the "potable" well shown on the site plan and compliance with the 500 feet setback.
- ✓ 2. Item S.2.b.(3), (4) and (5). The location of each roll-off container to contain each type of waste and recyclable material except recovered wood and clean concrete. Roll-offs shall remain over areas with leachate containment or shall be covered. A revised process flow diagram is required showing each loading, unloading, processing and storage area and the specific wastes or materials in each, to demonstrate compliance with F.A.C. rules 62-701.700(2)(c) and (e). Solid waste and leachate containment is required.

3. **Item S.2.b.(6).** A revised site plan showing each loading, unloading, processing and storage area with the dimensions and revised capacity calculations for each. Shingles, contaminated concrete, painted wood, dirt received mixed with other wastes, loose cardboard removed from mixed loads, all wastes and residuals must be processed and stored within the leachate containment area (or stored in covered roll-off containers).
4. **Item S.2.b.(7).** Identification of potential groundwater and surface water contamination due to sources such as grinder/conveyor, uncovered roll-offs, materials stored outside, vehicle repair and maintenance, sprayed leachate, separator box and wet well, and sprinkler storage tanks with design to conform to the tank requirements of F.A.C. 62-701.400(6), signed and sealed by a professional engineer. What is the capacity of the sprinkler tank storage area? Why are 3 pumps of different sizes required? Can each pump serve as a backup to the other? Construction specifications are requested for all materials, sealants, construction methods and equipment.
5. **Item S.2.c.(1) and (2); 62-701.730(2)(c), (6), (7), (8) and (13).** A revised Operations and Maintenance Manual to include all required changes. Operations plan shall include all facility operations and maintenance; facility signs; waste screening; contingency plans for removal, storage and disposal of all types unauthorized or hazardous wastes; design details of each storage area for all types of unauthorized or hazardous wastes including but not limited to white goods, tires, car batteries and thermostats; and revised site plans signed and sealed by a professional engineer. A copy of the load rejection policy, and design and location of the company's hazardous waste container for storage is requested. The location and design details of the secured storage area for fuel and other maintenance materials are requested. A detailed training plan and provisions for continuous compliance with this rule, including list and schedule of those courses to be attended for continuing training are requested. A detailed recycling plan to demonstrate compliance with this rule is requested.
6. **62-701.730(12).** Copy of the Bee Ridge/Meyers and Gabbert annual report for 1997, see attached form #62-701.900(7).

Please provide all responses that relate to engineering required for design, construction and operation, signed and sealed by a professional engineer.

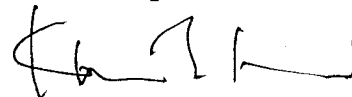
Mr. Gary Bennett
Solid Waste Management
Sarasota County

April 28, 1998
Page 3

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 62-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific time table for the submission of the requested information for Department review and consideration. Failure to comply with a time table accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

You are requested to arrange a meeting with FDEP staff to discuss the items in this letter prior to responding to avoid unnecessary delays. Please submit your response to this letter as one complete package. On all future correspondence, please include Robert Butera on distribution. If there are points which must be discussed and resolved, please contact me at (813) 744-6100, extension 382.

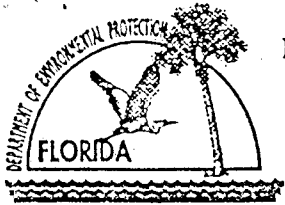
Sincerely,



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

KBF/ab
Attachment

cc: Paul Wingler, P.E., Sarasota County
Lawrence Weber, P.E., Weber Engineering
James Gabbert, Meyer and Gabbert
John Banks, P.E., CDM
RB Robert Butera, P.E., FDEP Tampa, Solid Waste Section



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, FL 32399-2400

Annual Report for C & D Debris Facilities

(due April 1, of each year for preceding calendar year)

DEP Form # 62-701.900 (7)
Form Title: Annual Report for C&D
Facility
Effective Date: 12-23-96
DEP Application
No: _____

1. Name of Facility: _____
2. Company Name: _____
3. Mailing Address: _____
4. County Location: _____
(address if different from mailing address)
5. County of Origin: _____
(where materials came from)
6. Company Contact: _____
(individual responsible for information on this form and phone number)

MATERIAL TYPES	MATERIALS RECOVERED	TOTAL TONS RECOVERED
<u>PAPER</u>	Old Corrugated Containers (OCC) Mixed Paper	_____ _____ Subtotal Paper: _____
<u>PLASTIC</u>	Plastic Bottles All Other Plastic	_____ _____ Subtotal Plastic: _____
<u>METALS</u>	Aluminum Other Non-Ferrous (e.g. brass, copper, etc.) Steel Cans Other Ferrous	_____ _____ _____ _____ Subtotal Metals: _____
<u>TEXTILES</u>	Miscellaneous	_____ Subtotal Textiles: _____
<u>OTHER MATERIALS</u>	Concrete, Brick Fines Wood Asphalt Drywall Roofing Products (shingles)	_____ _____ _____ _____ _____ _____ Subtotal Other: _____

8. TOTAL TONS OF MATERIALS RECOVERED: _____
9. TOTAL TONS OF C & D MATERIALS RECOVERED: _____
10. TOTAL TONS DISPOSED: _____

Signature (authorized Representative) _____

Title _____

Date _____

NOTE: Use one of these forms for each county from which the facility received materials for recovery.

INSTRUCTIONS FOR ANNUAL REPORTING OF CONSTRUCTION AND DEMOLITION (C&D) DEBRIS FACILITIES

A) GENERAL

The owner or operator of the facility shall submit an annual report to the Department on Form 62-701.900 (7). This report shall include a summary of the amounts and types of wastes received and the amounts and types of wastes disposed of or recycled. The county of origin of materials which are recycled, or a statement that the county of origin is unknown, shall be included in the report. The report shall be submitted no later than April 1 of each year beginning in 1993, and shall cover the proceeding calendar year. This provision applies to all facilities regardless of the compliance schedules in Rule 62-701.730, F.A.C.

B) REPORTING FORM INSTRUCTIONS

The following instructions are for the C&D DEBRIS FACILITIES REPORTING FORM.

For each facility listed in item 5 of the Certification Application Form, fill out a separate reporting form for each county from which the facility received recyclable materials. Please make additional copies of this form as necessary.

ALL ANNUAL REPORTING FORMS, once completed, shall be mailed to the following address:

*Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Station # 4570
Waste Reduction Section
Tallahassee, Florida 32399-2400*

-
- 1) Name of Facility: The name of the reporting entity which is engaged in recycling activities (as on Permit).
 - 2) Company Name: This is the name of the individual facility at the address in item 3 below. If the facility does not have a name to differentiate it from other facilities owned or operated by your company or business, use the business name.
 - 3) Mailing Address: This is the actual street address, including city, of the facility (not post office box).
 - 4) County Location: The name of the County in which the facility is physically located.
 - 5) County of Origin: The County from which the recyclable materials were received.
 - 6) Company Contact: Person responsible for the permit. This person should be able to answer all questions pertaining to the permit, including materials handled at facility.
 - 7) Total Tons of Recycled Material: Total of the category subtotals. This should be reported in short tons (2,000 pounds = one short ton).
 - 8) Total Tons of C&D Recycled Materials: Enter the total tons of all recyclable materials handled at the facility. On this line include tons of recovered materials reported in item 7 above plus other recyclable materials not on form.
 - 9) Total Tons of Solid Waste Disposed: Enter the total tons or estimated amount, to the best of your knowledge, of solid waste which was transferred from the facility for disposal, or collected by a solid waste hauler. This should also be material that could not be used for recycling purposes. Level of service information, e.g., size of solid waste container and frequency of collection, will satisfy this requirement and may be entered on this line, in the event that total tons or volume cannot be determined. THIS ITEM IS TO BE FILLED OUT ONLY IF THE COUNTY AS SHOWN IN ITEM 5 IS THE SAME AS THE COUNTY AS SHOWN IN ITEM 4 ABOVE.

Transmit Confirmation Report

No.	:	006
Receiver	:	819413161167
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Apr 29 98 15:08
Time	:	03:08
Mode	:	Norm
Pages	:	06
Result	:	OK



Camp Dresser McKee Inc.

consulting
engineering
construction
operations

201 Montgomery Avenue
Sarasota, Florida 34243
Tel: 941 351-7100 Fax: 941 355-5311

April 2, 1998

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

RE: CCSWDC C&D Recycling Facility (MRF)
Pending Permit No. 134912-001-SC, Sarasota County
Response Package



Dear Mr. Ford:

With regards to the CCSWDC C&D Recycling Facility construction/operation permit application, we are submitting herewith a supplementary package in response to the comments raised in FDEP's letter dated February 5, 1998. Issues discussed and resolved during the meeting with FDEP, on February 25, 1998, have also been incorporated into this response package. Some of the material submitted herein completely replaces corresponding items of the original permit application. All such items are identified in the responses below:

Comment No. 1: **Item D.13.** Proof of publication of notice of application, see attachment.

Response No. 1: Proof of publication of notice of application is included in Attachment 1.

Comment No. 2: **S.2.b. (3).** The location of each piece of stationary equipment such as the grinder, conveyors, an all roll-off containers.

Response No. 2: The revised site plan is included in Attachment 2. This plan supersedes that submitted as part of the original permit application package. The location of all stationary equipment, including all roll-off containers, is identified on the revised site plan.

Comment No. 3: **Item S.2.b. (4) and (5).** A process flow diagram showing each loading, unloading, processing and storage area and the specific wastes or materials in each.

Response No. 3: A process flow narrative along with a diagram showing each loading, unloading, processing and storage area and the specific wastes or material in each is included in Attachment 3. This item replaces Exhibit 3 of the original permit application.

Mr. Kim Ford, P.E.

April 2, 1998

Page 2

Comment No. 4: **Item S.2.b. (6).** A site plan showing each loading, unloading, processing and storage area with the dimensions and capacity calculations for each. The limits of the containment floor slab and roof should be identified on the site plan. How long will it take to remove all standing water on the containment floor slab after a 100 year-24 hour storm event?

Response No. 4: The revised site plan is included in Attachment 2. The limits of the containment floor slab and roof are identified on the site plan. In addition, all loading, unloading, processing and storage areas are identified on the site plan. The storage area capacity for various materials is described in Attachment 4. The length of time required for the removal of all standing water on the containment floor slab after a 100 year-24 hour storm event is also identified in Attachment 4.

Comment No. 5: **Item S.2.b. (7).** Identification of potential groundwater and surface water containment due to sources such as grinder/conveyor, uncovered roll-offs, materials stored outside, vehicle repair and maintenance, sprayed leachate, submerged concrete conveyance pipes and wet wells which do not conform to the tank requirements of F.A.C. 62-701.400 (6).

Response No. 5: This issue was discussed with FDEP in the February 25, 1998 meeting. Based on this discussion, the site plan originally submitted to FDEP in the permit application plan was revised. This revised site plan is included in Attachment 2. The expanded leachate control area and the revised leachate collection, transmission, and management system in the revised site plan are a result of this discussion. A leachate containment narrative is included in Attachment 5. This item replaces Exhibit 5 of the original permit application. This potential groundwater and surface water contamination prevention mechanism for the C&D Recycling Facility is also supplemented by an FDEP approved groundwater and surface water monitoring plan currently in effect for the CCSWDC.

Comment No. 6: **Item S.2.b. (8).** Provisions for by-passing the MRF in event of equipment or structural failure, and the subsequent removal of waste and materials.

Mr. Kim Ford, P.E.

April 2, 1998

Page 3

Response No. 6: A revised Operational Contingency Plan, a revised Hurricane Contingency Plan, and a Hazardous Waste Contingency Plan are included in Attachment 6. These items replace Exhibit 9 of the original permit application. The revision in these plans ensures that provisions for by-passing the MRF in event of equipment or structural failure, and the subsequent removal of waste and materials are included. Furthermore, the revised contingency plans also incorporate the prevention of operation of the facility without a roof or on the ground.

Comment No. 7: **Item S.2.c. (1).** Operations and Maintenance Manual.

Response No. 7: An Operations and Maintenance Manual is included in Attachment 7.

Comment No. 8: **Item S.2.c. (2).** A copy of the load rejection policy, location of the household hazardous waste site, and a copy of the Meyer & Gabbert hazardous waste contingency plan as referenced in Exhibit 8.

Response No. 8: A revised copy of the load rejection policy is included in Attachment 8. This replaces Exhibit 8 of the original permit application. Household hazardous materials loads shall be redirected to one of the two permitted hazardous waste sites operating in Sarasota County (Bee Ridge and Jackson Road). The hazardous waste contingency plan is included in Attachment 6 of this submittal.

Comment No. 9: **Item S.2.c. (3).** Revised contingency plan to prevent operation without a roof or on the ground.

Response No. 9: Please refer to Response No. 6.

Comment No. 10: **F.A.C. 62-701.700 (5).** Stormwater control and conveyance system details.

Response No. 10: This issue was discussed with FDEP in the February 25, 1998 meeting. Based on those discussions and the resolution thereof, the revised site plan incorporates all the necessary stormwater control and conveyance system details. The revised site plan is included in Attachment 2.

Mr. Kim Ford, P.E.

April 2, 1998

Page 4

We trust that the above responses and the corresponding attachments that form this supplementary permit application package adequately address the issues raised in FDEP's comment letter. However, if you have any additional questions or comments, please do not hesitate to contact me.

Sincerely,

CAMP DRESSER & MCKEE INC.



John A. Banks, P.E.

4/2/98
Enclosure

cc: Robert Butera, FDEP
Gary Bennett, SCSWD
Paul Wingler, SCSWD
James Gabbert, M&G
Thomas G. Walker, CDM
Vipin Pangasa, CDM

JAB/tlm
jab98.21

SARASOTA HERALD-TRIBUNE
PUBLISHED DAILY
SARASOTA, SARASOTA COUNTY, FLORIDA

AD NUMBER 983N8C0110

SOLID WASTE OPERATIONS
8350 BEE RIDGE ROAD

SARASOTA, FL 34241

STATE OF FLORIDA
COUNTY OF SARASOTA

BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY APPEARED
JAMES E. DOUGHTON, WHO ON OATH SAYS HE IS THE ADVERTISING
DIRECTOR OF THE SARASOTA HERALD-TRIBUNE, A DAILY
NEWSPAPER PUBLISHED AT SARASOTA, IN SARASOTA COUNTY
FLORIDA; AND CIRCULATED IN SARASOTA COUNTY DAILY; THAT
-THE ATTACHED COPY OF ADVERTISEMENT, BEING A NOTICE IN
THE MATTER OF: STATE OF FLORIDA DEPAR

IN THE COURT, HAS PUBLISHED IN SARASOTA EDITION
OF SAID NEWSPAPER IN THE ISSUES OF:

MAR 24, 1998

AFFIANT FURTHER SAYS THAT THE SAID SARASOTA HERALD-
TRIBUNE IS A NEWSPAPER PUBLISHED AT SARASOTA, IN SAID
SARASOTA COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPER
HAS THERETOFURE BEEN CONTINUOUSLY PUBLISHED IN SAID
SARASOTA COUNTY, FLORIDA, EACH DAY, AND HAS BEEN
ENTERED AS SECOND CLASS MAIL MATTER AT THE POST OFFICE IN
SARASOTA, IN SAID SARASOTA COUNTY, FLORIDA, FOR A
PERIOD OF ONE YEAR NEXT PRECEDING THE FIRST PUBLICATION
OF THE ATTACHED COPY OF ADVERTISEMENT; AND AFFIANT FURTHER
SAYS THAT HE 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.

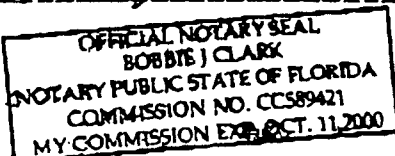
SIGNED

James E. Doughton

SWORN TO AND SUBSCRIBED BEFORE ME THIS 24TH DAY OF
MARCH A.D., 1998 BY JAMES E. DOUGHTON WHO IS
PERSONALLY KNOWN TO ME.

(SEAL)

Bobbie J. Clark



NOTARY PUBLIC

State of Florida
Department of
Environmental Protection
Notice of Application
The Department announces
receipt of an application
permit from Sarasota County
construction and operation
materials recovery facility at
to Department rules, located
the north end of Knights
Road, 2 miles east of I-7
miles northeast of Ver
Sarasota County, Florida.
This application is being
processed and is available
public inspection during no
business hours, 8:00 a.m. to
p.m., Monday through Fri-
except legal holidays, at
Department of Environmen-
Protection, Southwest Div-
Office, 3804 Coconut Palm C-
Tampa, Florida 33618-8318.
Published: March 24, 1998

WEBER ENGINEERING & SURVEYING, INC.

3932 Swift Road - Suite A, Sarasota, Florida 34231

Lawrence R. Weber, PE, PLS
President

Telephone (941) 921-3914
FAX (941) 924-3094

March 18, 1998

CDM
201 Montgomery Ave.
Sarasota, Fl. 34243

Attn: John A. Banks, PE

Re: Meyer & Gabbert
C & D Facility

Dear John:

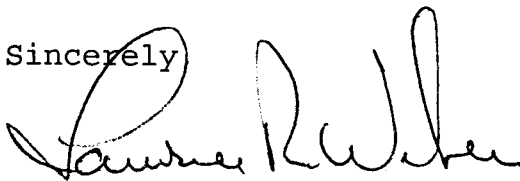
Attached herewith are 6 copies of the site plan revised per our meeting with DEP.

One of the questions asked was the length of time to remove all standing water from the floor slab after a 100 year-24 hour storm event (10 inches of rainfall). We looked at 2 conditions:

- A. No electrical power until storm stopped. Time to clear floor of all water - 28.9 hours
- B. Electrical power during storm. Time to clear floor of all water after storm stopped - 14 hours.

If there are any other questions, please call.

Sincerely



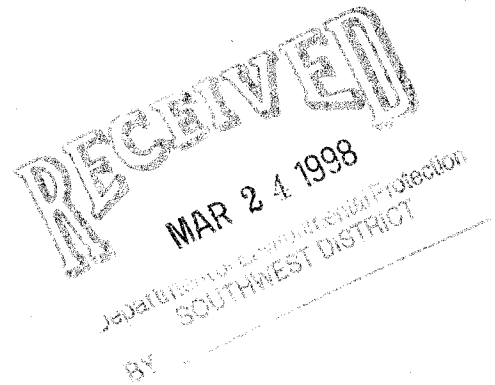
Lawrence R. Weber
President



Camp Dresser & McKee Inc.

consulting
engineering
construction
operations

201 Montgomery Avenue
Sarasota, Florida 34243
Tel: 941 351-7100 Fax: 941 355-5311



March 23, 1998

Mr. Kim Ford, P.E.
Florida Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Re: Sarasota County, Florida
Central County Solid Waste Disposal Complex (CCSWDC)
C&D Recycling Facility (MRF)
Pending Permit No. 134912-001-SC

Dear Mr. Ford:

This is a request for extension of the period available to Sarasota County to respond to the review comments transmitted by the Department dated February 5, 1998 regarding the construction/operation permit application for a C&D Recycling Facility at the CCSWDC.

Issues discussed and resolved during the meeting with FDEP, on February 25, 1998 shall be incorporated into the response package which shall be submitted no later than April 3, 1998.

We appreciate your consideration in this matter. If you have any questions, please do not hesitate to call us.

Sincerely,

CAMP DRESSER & MCKEE INC.



John A. Banks, P.E.

cc: Bob Butera, FDEP
Gary Bennett, SCSWD
Paul Wingler, SCSWD
James Gabbert, M&G
Tom Walker, CDM
Vipin Pangasa, CDM

JAB/alt
JAB98.17



FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

FAXED

Date:

2/5/98

Number of pages including cover sheet:

5

To:

John Banks

Cram

Phone:

941 3517100

Fax phone:

941 3555311

CC:

From:

Fun Ford

Phone:

(813) 744-6100

x 382

Fax phone:

(813) 744-6125

REMARKS:

☐ Urgent

☒ For your review

☒ Reply ASAP

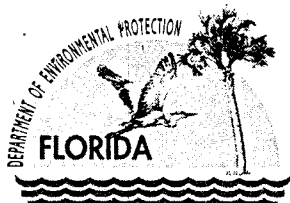
☐ Please comment

John

SOME ODD DESIGN ELEMENTS
HERE. LET'S MEET TO RESOLVE.

WHO WILL REDESIGN THE LCRS PIPING?

Fun



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

February 5, 1998

Mr. Gary Bennett
Solid Waste Management
8350 Bee Ridge Road
Sarasota, FL 34241

Re: CCSWDC C&D Recycling Facility (MRF)
Pending Permit No.: 134912-001-SC, Sarasota County

Dear Mr. Bennett:

This is to acknowledge receipt of your permit application received January 16, 1998 to construct and operate a materials recovery facility.

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

Your application for a permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]. Please provide:

1. **Item D.13.** Proof of publication of notice of application, see attachment.
2. **Item S.2.b.(3).** The location of each piece of stationary equipment such as the grinder, conveyors, an all roll-off containers.
3. **Item S.2.b.(4) and (5).** A process flow diagram showing each loading, unloading, processing and storage area and the specific wastes or materials in each.
4. **Item S.2.b.(6).** A site plan showing each loading, unloading, processing and storage area with the dimensions and capacity calculations for each. The limits of the containment floor slab and roof should be identified on the site plan. How long will it take to remove all standing water on the containment floor slab after a 100 year-24 hour storm event?

5. **Item S.2.b.(7).** Identification of potential groundwater and surface water contamination due to sources such as grinder/conveyor, uncovered roll-offs, materials stored outside, vehicle repair and maintenance, sprayed leachate, submerged concrete conveyance pipes and wet wells which do not conform to the tank requirements of F.A.C. 62-701.400(6).
6. **Item S.2.b.(8).** Provisions for by-passing the MRF in event of equipment or structural failure, and the subsequent removal of waste and materials.
7. **Item S.2.c.(1).** Operations and Maintenance Manual.
8. **Item S.2.c.(2).** A copy of the load rejection policy, location of the household hazardous waste site, and a copy of the Meyer & Gabbert hazardous waste contingency plan as referenced in Exhibit 8.
9. **Item S.2.c.(3).** Revised contingency plan to prevent operation without a roof or on the ground.
10. **F.A.C. 62-701.700(5).** Stormwater control and conveyance system details.

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

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 62-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific time table for the submission of the requested information for Department review and consideration. Failure to comply with a time table accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

Mr. Gary Bennett
Solid Waste Management
Sarasota County

February 5, 1998
Page 3

You are requested to submit your response to this letter as one complete package. On all future correspondence, please include Robert Butera on distribution. If there are points which must be discussed and resolved, please contact me at (813) 744-6100, extension 382.

Sincerely,



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

KBF/ab
Attachment

cc: John Banks, P.E., CDM
RB Robert Butera, P.E., FDEP Tampa, Solid Waste Section

17-103.150 Public Notice of Application and Proposed Agency Action

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

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

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

(c) the notice shall be prepared by the Department and shall comply with the following format:

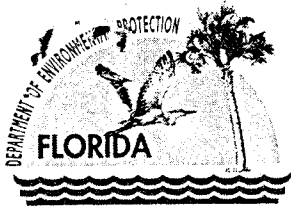
**State of Florida
Department of Environmental Protection
Notice of Application**

The Department announces receipt of an application for permit from Sarasota County for construction and operation of a materials recovery facility subject to Department rules, located at the north end of Knights Trail Road, 2 miles east of I-75, 2 miles northeast of Venice, Sarasota County, Florida.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.

Transmit Confirmation Report

No.	:	008
Receiver	:	8-1-941-355-5311
Transmitter	:	WASTE MGT TAMPA SWDIST
Date	:	Feb 05 98 12:18
Time	:	02:24
Mode	:	Norm
Pages	:	05
Result	:	OK



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

February 5, 1998

Mr. Gary Bennett
Solid Waste Management
8350 Bee Ridge Road
Sarasota, FL 34241

Re: CCSWDC C&D Recycling Facility (MRF)
Pending Permit No.: 134912-001-SC, Sarasota County

Dear Mr. Bennett:

This is to acknowledge receipt of your permit application received January 16, 1998 to construct and operate a materials recovery facility.

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

Your application for a permit is incomplete. Please provide the information listed below promptly. Evaluation of your proposed project will be delayed until all requested information has been received.

The following information is needed in support of the solid waste application [Chapter 62-701, Florida Administrative Code (F.A.C.)]. Please provide:

1. **Item D.13.** Proof of publication of notice of application, see attachment.
2. **Item S.2.b.(3).** The location of each piece of stationary equipment such as the grinder, conveyors, an all roll-off containers.
3. **Item S.2.b.(4) and (5).** A process flow diagram showing each loading, unloading, processing and storage area and the specific wastes or materials in each.
4. **Item S.2.b.(6).** A site plan showing each loading, unloading, processing and storage area with the dimensions and capacity calculations for each. The limits of the containment floor slab and roof should be identified on the site plan. How long will it take to remove all standing water on the containment floor slab after a 100 year-24 hour storm event?

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

Printed on recycled paper.

5. **Item S.2.b.(7).** Identification of potential groundwater and surface water contamination due to sources such as grinder/conveyor, uncovered roll-offs, materials stored outside, vehicle repair and maintenance, sprayed leachate, submerged concrete conveyance pipes and wet wells which do not conform to the tank requirements of F.A.C. 62-701.400(6).
6. **Item S.2.b.(8).** Provisions for by-passing the MRF in event of equipment or structural failure, and the subsequent removal of waste and materials.
7. **Item S.2.c.(1).** Operations and Maintenance Manual.
8. **Item S.2.c.(2).** A copy of the load rejection policy, location of the household hazardous waste site, and a copy of the Meyer & Gabbert hazardous waste contingency plan as referenced in Exhibit 8.
9. **Item S.2.c.(3).** Revised contingency plan to prevent operation without a roof or on the ground.
10. **F.A.C. 62-701.700(5).** Stormwater control and conveyance system details.

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

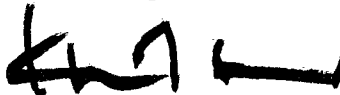
"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 62-12.070(5), F.A.C., if the Department does not receive a response to this request for information within 90 days of the date of this letter, the Department may issue a final order denying your application. You need to respond within 30 days after you receive this letter, responding to as many of the information requests as possible and indicating when a response to any unanswered questions will be submitted. If the response will require longer than 30 days to develop, you should develop a specific time table for the submission of the requested information for Department review and consideration. Failure to comply with a time table accepted by the Department will be grounds for the Department to issue a Final Order of Denial for lack of timely response. A denial for lack of information or response will be unbiased as to the merits of the application. The applicant can reapply as soon as the requested information is available."

Mr. Gary Bennett
Solid Waste Management
Sarasota County

February, 1998
Page 3

You are requested to submit your response to this letter as one complete package. On all future correspondence, please include Robert Butera on distribution. If there are points which must be discussed and resolved, please contact me at (813) 744-6100, extension 382.

Sincerely,



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

KBF/ab
Attachment

cc: John Banks, P.E., CDM
RB Robert Butera, P.E., FDEP Tampa, Solid Waste Section

**Solid Waste Program
Permitting Application**

☒ New Site

Site Name:	SARASOTA CO. CENTRAL MRF
Site Address:	KNIGHTS TRAIL ROAD
County:	SARASOTA
Type/Subcode:	SC/14

☒ Existing Site

Site ID:	134912
Project Name:	SARASOTA CO. CENTRAL MRF
Type/Subcode:	
Fee Submitted:	2000 (<input checked="" type="checkbox"/> correct () incorrect
Fee Refund \$	Fee Request \$

Related Party

Role:	APPLICANT
Name:	SARASOTA COUNTY SOLID WASTE DEPT
Company:	
Street:	8350 BEE RIDGE ROAD
City:	SARASOTA
Zip Code:	34231
Phone:	941 3161166

Distribution Date:

Fee Checked By:

FORD

Date:

1/21/98



Camp Dresser & McKee Inc.

consulting
engineering
construction
operations

201 Montgomery Avenue
Sarasota, Florida 34243
Tel: 941 351-7100 Fax: 941 355-5311

January 15, 1998

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

RECEIVED
JAN 16 1998
Department of Environmental Protection
BY SOUTHWEST DISTRICT

RE: SARASOTA COUNTY, FLORIDA
Central County Solid Waste Disposal Complex (CCSWDC)
Permit Application to Construct/Operate C&D Recycling Facility

Dear Mr. Ford:

On behalf of Sarasota County, we are pleased to submit the enclosed application to construct/operate a construction and demolition (C&D) recycling facility at the CCSWDC in Sarasota County, Florida. Per your request, three (3) copies of the application package are enclosed. A check in the amount of \$2,000.00 as permit application fee in accordance with 62-701.730(20), F.A.C. is also submitted.

Please note that the C&D recycling facility is located within the confines of CCSWDC and as such information previously submitted to the Department (construction/operation permit application for CCSWDC) would supplement this application. In addition, the proof of publication of notice of application in a newspaper of general circulation is forthcoming and shall be provided to DEP at a later date.

We hope that the information provided to you will facilitate your review of this application. Please do not hesitate to call if we can be of any assistance in the review process.

Sincerely,

CAMP DRESSER & MCKEE INC.


John A. Banks, P.E.

Enclosure

cc: Robert Butera, FDEP/Tampa
Gary Bennett, SCSWD
Paul Wingler, SCSWD
James Gabbert, M&G
Thomas Walker, CDM
Vipin Pangasa, CDM
File: 9250-22342

JAB/alt
jab98.4



consulting
engineering
construction
operations

Camp Dresser & McKee Inc.

201 Montgomery Avenue
Sarasota, Florida 34243
Tel: 941 351-7100 Fax: 941 355-5311

January 15, 1998

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

RE: SARASOTA COUNTY, FLORIDA
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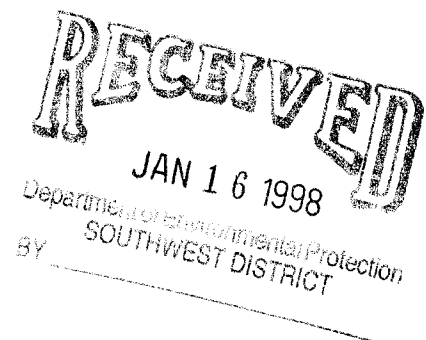
CAMP DRESSER & MCKEE INC.


John A. Banks, P.E.

1-15-98
Enclosure

cc: Robert Butera, FDEP/Tampa
Gary Bennett, SCSWD
Paul Wingler, SCSWD
James Gabbert, M&G
Thomas Walker, CDM
Vipin Pangasa, CDM
File: 9250-22342

JAB/alt
jab98.4





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

DER Form # 17-701.900(1)
Form Title <u>Solid Waste Management Facility Permit</u>
Effective Date _____
DER Application No. _____ (Filled by DER)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOLID WASTE MANAGEMENT FACILITY PERMIT

APPLICATION INSTRUCTIONS AND FORMS

INSTRUCTIONS TO APPLY FOR A SOLID WASTE MANAGEMENT PERMIT

I. General

Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes, (FS) and in accordance with Florida Administrative Code (FAC) Rule 17-701. A minimum of six copies of the application shall be submitted to the Department District Office having jurisdiction over the facility. The appropriate fee in accordance with Chapter 17-4, FAC, and Rule 17-701.320(5)(c), FAC, shall be submitted with the application by check made payable to the Department of Environmental Regulation (DER).

Complete appropriate sections for the type of facility for which application is made. Entries shall be typed or printed in ink. All blanks shall be filled in or marked "not applicable" or "no substantial change". Information provided in support of the application shall be marked "submitted" and the location of this information in the application package indicated. The application shall include all information, drawings, and reports necessary to evaluate the facility. Information required to complete the application is listed on the attached pages of this form.

II. Application Parts Required for Construction and Operation Permits

- A. Landfills and Ash Monofills - Submit parts A,B, D through R, and T
- B. Asbestos Monofills - Submit parts A,B,D,E,F,I,K, M through Q, and T
- C. Industrial Solid Waste Facilities - Submit parts A,B, D through Q, and T
- D. Volume Reduction Facilities - Submit parts A,C,D,S, and T
- E. Materials Recovery Facilities - Submit parts A,C,D,S, and T

NOTE: Portions of some parts may not be applicable.

NOTE: For facilities that have been satisfactorily constructed in accordance with their construction permit, the information required for A,B,C,D, and E type facilities does not have to be resubmitted for an operation permit if the information has not substantially changed during the construction period. The appropriate portion of the form should be marked "no substantial change".

III. Application Parts Required for Closure Permits

- A. Landfills and Ash Monofills - Submit parts A,B, N through R, and T
- B. Asbestos Monofills - Submit parts A,B, M through Q, and T
- C. Industrial Solid Waste Facilities - Submit parts A,B, N through Q, and T
- D. Volume Reduction Facilities - Submit parts A,C,S, and T
- E. Materials Recovery Facilities - Submit parts A,C,S, and T

NOTE: Portions of some parts may not be applicable.

IV. Permit Renewals

The above information shall be submitted at time of permit renewal in support of the new permit. However, facility information that was submitted to the Department to support the expiring permit, and which is still valid, does not need to be re-submitted for permit renewal. Portions of the application not re-submitted shall be marked "no substantial change" on the application form.

Application Codes

S	-	Submitted
LOCATION	-	Physical location of information in application
N/A	-	Not Applicable
N/C	-	No Substantial Change

VI. LISTING OF APPLICATION PARTS

PART A	-	GENERAL INFORMATION
PART B	-	DISPOSAL FACILITY GENERAL INFORMATION
PART C	-	MATERIALS RECOVERY / VOLUME REDUCTION FACILITY GENERAL INFORMATION
PART D	-	SOLID WASTE MANAGEMENT FACILITY PERMIT GENERAL REQUIREMENTS
PART E	-	LANDFILL PERMIT GENERAL REQUIREMENTS
PART F	-	GENERAL CRITERIA FOR LANDFILLS
PART G	-	LANDFILL CONSTRUCTION REQUIREMENTS
PART H	-	HYDROGEOLOGICAL INVESTIGATION REQUIREMENTS
PART I	-	GEOTECHNICAL INVESTIGATION REQUIREMENTS
PART J	-	VERTICAL EXPANSION OF LANDFILLS
PART K	-	LANDFILL OPERATION REQUIREMENTS
PART L	-	WATER QUALITY AND LEACHATE MONITORING REQUIREMENTS
PART M	-	SPECIAL WASTE HANDLING REQUIREMENTS
PART N	-	LANDFILL CLOSURE REQUIREMENTS
PART O	-	CLOSURE PROCEDURES
PART P	-	LONG TERM CARE REQUIREMENTS
PART Q	-	FINANCIAL RESPONSIBILITY REQUIREMENTS
PART R	-	CLOSURE OF EXISTING LANDFILL REQUIREMENTS
PART S	-	MATERIALS RECOVERY FACILITY REQUIREMENTS
PART T	-	CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

APPLICATION FOR PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE
A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

A. GENERAL INFORMATION

1. Type of facility:

Disposal ☐

Class I Landfill	<input type="checkbox"/>	Ash Monofill	<input type="checkbox"/>
Class II Landfill	<input type="checkbox"/>	Asbestos Monofill	<input type="checkbox"/>
Class III Landfill	<input type="checkbox"/>	Industrial Solid Waste	<input type="checkbox"/>
Other	<input type="checkbox"/>		

Volume Reduction ☒

Incinerator	<input type="checkbox"/>	Pulverizer / Shredder	<input type="checkbox"/>
Composting	<input type="checkbox"/>	Compactor/Baling Plant	<input type="checkbox"/>
Materials Recovery	<input checked="" type="checkbox"/>	Energy Recovery	<input type="checkbox"/>
Other	<input type="checkbox"/>		

2. Type of application:

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

3. Classification of application:

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

4. Facility name: CCSWDC C&D Recycling Facility

5. DER ID number: _____ County: Sarasota

6. Facility location (main entrance): Within CCSWDC which is located at north end
of Knights Trail Road

7. Location coordinates:

Section: 1-4 & 9-16 Township: 38S Range: 19E

UTMs: Zone _____ km E _____ km N

Latitude: 27 ° 12 ' 00 " Longitude: 82 ° 23 ' 00 "

8. Applicant name (operating authority): Sarasota County

Mailing address: 8350 Bee Ridge Road Sarasota, Florida 34241

Street or P.O. Box _____ City _____ State _____ Zip _____

Contact person: Mr. Gary Bennett Telephone: (941) 316-1166

Title: Acting Solid Waste Director

9. Authorized agent/Consultant: Camp Dresser & McKee, Inc.
- Mailing address: 201 Montgomery Avenue Sarasota, Florida 34243
Street or P.O. Box City State Zip
- Contact person: John A. Banks, P.E. Telephone: (941) 351-7100
- Title: Project Manager
10. Landowner (if different than applicant): N/A
- Mailing address: _____
Street or P.O. Box City State Zip
- Contact person: _____ Telephone: (____) _____
11. Cities, towns and areas to be served: All of Sarasota County
12. Population to be served:
Current: 387,977 Five-Year Projection: 425,752
13. Volume of solid waste to be received: 120 yds³/day tons/day gallons/day
14. Date site will be ready to be inspected for completion: June 1998
15. Estimated life of facility: 30 years
16. Estimated costs:
Total Construction: \$ 500,000 Closing Costs: \$ 120,000 (Includes Max. Storage
in tons x \$10.00/ton)
17. Anticipated construction starting and completion dates:
From: March 1998 To: June 1998

C. MATERIALS RECOVERY / VOLUME REDUCTION FACILITY GENERAL INFORMATION

Provide brief description of materials recovery / volume reduction facility design and operations planned by this application:

Pre-picking using Bobcats and hand picking followed by grinding using CBI Roadmill.

2. Facility site supervisor: James F. Gabbert, Meyer & Gabbert Excavating Contractors Inc
Title: CEO/President Telephone: (941) 377-5370

3. Disposal area: Total N/A acres; Used _____ acres; Available _____ acres

4. Security to prevent unauthorized use: Yes ☒ No ☐

5. Site located in: Floodplain ☐ Wetlands ☐ Other ☒ Uplands

6. Days of operation: Monday - Saturday

7. Hours of operation: 8:00 a.m. - 5:00 p.m.

8. Number of operating staff: 15 +/-

9. Expected useful life: 30 Years

10. Weighing scales used: Yes ☒ No ☐

11. Normal processing rate: _____ yd³/day 200 tons/day _____ gal/day

12. Maximum processing rate: _____ yd³/day 800 tons/day _____ gal/day

13. Charge for waste received: \$52.80/ton

14. Type of facility (check one or more):

Incinerator ☐
Pulverizer / shredder ☐
Compactor/baling ☐
Sludge concentration ☐
Other ☐

Composting ☐
Materials recovery ☒
Energy recovery ☐
Pyrolysis ☐

15. Material recovered, tons/week:

4 Paper
65 Ferrous metals
1 Aluminum
X Other:

0 Glass
7 Non-ferrous metals
0 Plastics
Wood mulch-143; shingles-71; dirt-286;
concrete-143

16. Energy recovery, in units shown: N/A

_____ High pressure steam, lb/hr
_____ Low pressure steam, lb/hr
_____ Electricity, kw/hr
_____ Gas, ft³/hr
_____ Other:

_____ Chilled water, gal/hr
_____ Oil, gal/hr
_____ Oil, BTU/hr
_____ Gas, BTU/hr

17. Process water management: N/A

Recycled: Yes [] No []

Treatment method used: _____

Discharged to: Surface waters [] Underground [] Other []

Name and Class of receiving water: _____

18. Storm Water:

Collected: Yes [X] No [] Type of treatment: Wet Detention

Name and Class of receiving water: Cow Pen Slough Class III

19. MSSW Permit number or status: 407932.01

20. Final residue produced:

(Max) 25 % of normal processing rate

(Max) 25 % of maximum processing rate

Disposed of at (Site name): Central County Solid Waste Disposal Complex (CCSWDC)

21. Supplemental fuel used: N/A

Type: _____ Quantity used/hour: _____

22. Costs:

Estimated operating costs (material-energy revenue): \$ 125,000/month (avg.)

Total cost/ton: \$ 42.00 Net cost/ton: \$ 25.00

23. State pollution control bond financing amount: \$ N/A

24. Estimated amount of tax exemptions that will be requested: \$ None

<u>S</u>	<u>LOCATION</u>	<u>N/A</u>	<u>N/C</u>
----------	-----------------	------------	------------

X	Section 1	—	—
---	-----------	---	---

11. For facilities owned or operated by a county, provide a description of how, if any, the facilities covered in this application will contribute to the county's achievement of recycling goals contained in Section 403.706,FS; (17-701.320(7)(h),FAC)

—	—	X	—
---	---	---	---

12. Provide a history and description of any enforcement actions taken by the Department against the applicant for violations of applicable statutes, rules, orders or permit conditions relating to the operation of any solid waste management facility in this state; (17-701.320(7)(i),FAC)

—	—	—	—
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13. Proof of publication in a newspaper of general circulation of notice of application for a permit to construct or substantially modify a solid waste management facility; (17-702.320(8),FAC)

X	1.1	—	—
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14. Provide a description of how the requirements for airport safety will be achieved including proof of required notices if applicable; (17-701.320(12),FAC)

D. SOLID WASTE MANAGEMENT FACILITY PERMIT GENERAL REQUIREMENTS (17-701.320, FAC)

	LOCATION	N/A	N/C		
X				1.	Six copies, at minimum, of the completed application form, all supporting data and reports; (17-701.320(5)(a), FAC)
X				2.	Engineering and/or professional certification (signature, date and seal) provided on the applications and all engineering plans, reports and supporting information for the application; (17-701.320(6), FAC)
X				3.	A letter of transmittal to the Department; (17-701.320(7)(a), FAC)
X				4.	A completed application form dated and signed by the applicant; (17-701.320(7)(b), FAC)
X				5.	Permit fee specified in Rule 17-4.050, FAC and Rule 17-7-1.320(5)(c), FAC in check or money order, payable to the Department; (17-701.320(7)(c), FAC)
X	Permit Application Report			6.	An engineering report addressing the requirements of this rule and with the following format: a cover sheet, text printed on 8 1/2 inch by 11 inch consecutively numbered pages, a table of contents or index, the body of the report and all appendices including an operation plan, contingency plan, illustrative charts and graphs, records or logs of tests and investigations, engineering calculations; (17-701.320(7)(d), FAC)
X	Section 2			7.	Operation Plan; (17-701.320(7)(e)1, FAC)
X	3.2			8.	Contingency Plan; (17-701.320(7)(e)2, FAC)
				9.	Plans or drawings for the solid waste management facilities in appropriate format (including sheet size restrictions, cover sheet, legends, north arrow, horizontal and vertical scales, elevations referenced to NGVD) showing; (17-702.320(7)(f), FAC)
X	Figure 2-1			a.	A regional map or plan with the project location;
			X	b.	A vicinity map or aerial photograph no more than 1 year old;
			X	c.	A site plan showing all property boundaries certified by a registered Florida land surveyor;
X	Permit Application Report		X	d.	Other necessary details to support the engineering report.
			X	10.	Proof of property ownership or a copy of appropriate agreements between the facility operator and property owner authorizing use of property; (17-701.320(7)(g), FAC)

S	LOCATION	N/A	N/C
---	----------	-----	-----

3. Demonstration that facility is not located in a fault area, seismic zone or unstable area as specified in Rule 17-701.420(1)(c), FAC.
4. Request for extension of closure criteria as specified in Rule 17-701.640(2)(a) & (2)(b), FAC.
 - a. Demonstration of no alternative disposal capacity.
 - b. Demonstration of no threat to human health or the environment.

S. MATERIALS RECOVERY FACILITY REQUIREMENTS (17-701.700,FAC)

			NC ¹
X	Permit Application Report		
X	1.0		X
X	2.0		
X	2.1		
X	2.1		
X	2.2		
X	2.3,2.4,2.6		
X	2.4		
X	2.1,2.4,2.5		
X	2.6		

1. Proof of posting a performance bond payable to the Department to cover closing costs, if required; (17-701.700(4),FAC)
2. Materials recovery facility requirements; (17-701.700,FAC)
 - a. Submit information required in Rule 17-701.320,FAC
 - b. Submit an engineering report including the following:
 - (1) Description of the solid waste proposed to be collected, stored, processed or disposed;
 - (2) Projection with assumptions for waste types and quantities expected in future years;
 - (3) Description of operation and functions of all processing equipment with design criteria and expected performance;
 - (4) Description of flow of solid waste, expected regular facility operations, procedures for start up and shut down, potential safety hazards and control methods including fire protection;
 - (5) Description of loading, unloading, and processing areas;
 - (6) Identification and capacity of temporary on-site storage areas for materials handled and provisions for solid waste and leachate containment;
 - (7) Identification of potential ground water and surface water contamination;

NC¹ Included in CCSWDC closure cost estimate and financial assurance provisions.

<u>S</u>	<u>LOCATION</u>	<u>N/A</u>	<u>N/C</u>
X	3.2	—	—
X	3.0	—	—
X	3.1	—	—
X	3.2	—	—
X	3.3	—	—
X	3.3	—	—
X	3.3	—	—
X	3.3	—	—

(8) Plan for disposal of unmarketable recyclables and residue and contingencies for waste handling during breakdowns.

c. Submit the following operational information:

(1) Operation and maintenance manual;

(2) Waste control plan to manage unauthorized wastes;

(3) Contingency plan for emergencies;

(4) Closure plan including the following:

(a) Notification to Department 180 days prior to closure;

(b) Procedures for removal of all waste within 30 days of receipt of final waste;

(c) Completion of closure activities within 180 days of receipt of final waste and notification to the Department that closure is complete.

T. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

A. Applicant

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

G. Bennett
Signature of Applicant or Agent

Gary Bennett Acting Solid Waste Director
Name and Title

Date: 1-15-98

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

B. Professional Engineer Registered in Florida or Public Officer as required in Section 403.707 and 403.707(5), Florida Statutes.

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

John A. Banks
Signature 1-15-98

John A. Banks, P.E.
Name and Title (please type)

39397
Florida Registration Number
(please affix seal)

201 Montgomery Avenue
Mailing Address
Sarasota, Florida 34243

City, State, Zip Code

(941) 351-7100
Telephone Number

Date: _____

**PERMIT APPLICATION REPORT
FOR THE**

**CONSTRUCTION AND OPERATION OF A
C&D MATERIALS RECOVERY FACILITY**

**AT THE
CENTRAL COUNTY SOLID WASTE DISPOSAL
COMPLEX**

APPLICANT:

Sarasota County Solid Waste Department
8350 Bee Ridge Road
Sarasota, Florida 34231

ENGINEER:

Camp Dresser & McKee, Inc.
201 Montgomery Avenue
Sarasota, Florida 34243

January 1998



John A. Banks, P.E.

Date: 1-15-98

Florida Registration No. 39397