

# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Pasco County  
Utilities Department  
Mr. Douglas Bramlett, Assistant  
County Administrator  
7536 State Street  
New Port Richey, Fl 34654

## PERMIT/CERTIFICATION

GMS ID No: 4051M30035  
Permit No: SC51-252834  
Date of Issue: NOV 15 1994  
Expiration Date: 06/01/99  
County: Pasco  
Lat/Long: 28°21'45"N  
82°33'45"W  
Sec/Town/Rge: 25/24S/17E  
Project: Pasco County  
Materials Recovery  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-3, 17-4, 17-25, 17-522, 17-550, 17-701, and 17-711. 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, referred to as the Pasco County Materials Recovery Facility, subject to the specific and general conditions attached, located adjacent to the Pasco County Resource Recovery Facility at 14220 Hays Road, Spring Hill, Pasco County, Florida. The specific conditions attached are for the construction/operation of:

### 1. Materials Recovery Facility

Replaces Permit Number: N/A, new facility

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

**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 17-4.120 and 17-730.300, 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: Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator

PERMIT NO: SC51-252834  
Pasco County MRF

**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.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 17-3, 17-4, 17-25, 17-28, 17-520, 17-522, 17-550, and 17-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by King Engineering Associates, as follows:

Engineering Report for Pasco County Materials Recovery  
Facility Construction Permit Application, dated June  
1994;

Additional information dated July 26, 1994;

Additional information dated September 12, 1994;

Plan sheets numbers 1-6, signed and sealed on June 21, 1994;

Plan sheets numbers 7-15 and S1, signed and sealed on  
July 27, 1994;

Plan sheets numbers H1 and H2, signed and sealed on  
July 28, 1994;

Plan sheet number H94171-1, as revised August 31, 1994;  
and in accordance with all applicable requirements of  
Department rules.

3. **Permit Modifications.** Any activities 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 17-4.080, 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.** As required by F.A.C. 17-4.090(1), no later than sixty (60) 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. 17-701.330(3).

**SPECIFIC CONDITIONS:**

**5. Certification of Construction Completeness.** Within sixty (60) days after all specified construction has been completed, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 17-701.900(2), signed and sealed by the professional engineer in charge of construction and quality assurance 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. all additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations).

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.

**6. Prohibitions.** The prohibitions of F.A.C. 17-701.300 shall not be violated.

**7. Facility Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 17-701.700, and the Operations Plan in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, Pages 2-5 and Attachment B, dated June 1994, and the additional information dated July 26, 1994 and September 12, 1994, and any other applicable requirements.

**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. Storage of Materials.** All recovered materials shall be stored inside the building, except recovered glass which shall be stored in covered stalls outside the building, as indicated in the Operations Plan in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, Pages 2-5 and Attachment B, dated June 1994, and the additional information dated July 26, 1994 and September 12, 1994. All residuals (non-recoverable, non-recyclable materials) shall be stored in containers in areas with leachate collection, and shall be disposed of in a disposal facility permitted by the Department within 48 hours of processing the material and generating the residual. Incidental white goods and tires shall be removed for disposal within 48 hours of receipt of these materials.

**SPECIFIC CONDITIONS:**

10. **Waste Records.** The owner or operator of the materials recovery facility shall record, in tons per day, the amount of material received. The quantity, in tons, of each material (i.e. aluminum cans, steel/tin cans, glass(3 colors), PET, HDPE (natural and colored), blue plastic bags, newspaper and office paper, aseptic containers, and residuals) which is removed from the site for recycling or disposal shall be compiled monthly and submitted to the Department **quarterly, by January 15th, April 15th, July 15th and October 15th** of each year. The operating authority shall remove from the site, 75% of all recovered materials each year, for recycling or disposal.

11. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 17-730, 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.

12. **Drainage Requirements.** All areas shall be cleaned at the end of each day's operation, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. Floors shall be free of standing liquids. Drainage from inside the facility shall be discharged to sanitary sewers as indicated in the additional information submitted by King Engineering Associates dated July 26, 1994 (response to comment #5). All drains shall be inspected for damage and clogging at least weekly, and shall be cleaned as required.

13. **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. 17-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 17-701.700(3)(d) and the Closure Plan submitted in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, dated June 1994, page 5 and Attachment G.

14. **Financial Assurance.** The permittee shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 17-701.700(4). All costs for closure shall be adjusted and submitted **annually, by September 1st each year**, to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. Since the permittee provides financial assurance for several additional solid waste management facilities, the establishment and funding of a separate sub-account for the closing costs of this facility shall constitute an approved mechanism. Proof that this sub-account has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.



**SPECIFIC CONDITIONS:**

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction and 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.

16. **Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of processing equipment, drainage systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately (**within 24 hours**) notify the Department of Environmental Protection 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.

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained in accordance with SWFWMD permit number 409662.00, and F.A.C. 17-25, 17-330, and any other applicable Department rules.

18. **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.

19. **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.

20. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

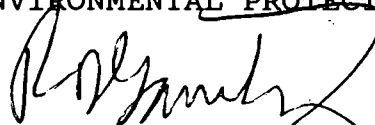
21. **Regulations.** A copy of F.A.C. 17-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

PERMITTEE: Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator

PERMIT NO: SC51-252834  
Pasco County MRF

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

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	60 days prior to permit expiration	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of construction completion	Certification of Construction Completion submitted; Record Drawings submitted; Narrative describing changes submitted
10.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste reports
13.	180 days prior to date of final material acceptance	Closure notification
14.	Annually, by September 1st	Financial assurance cost estimates

CHAPTER 17-701  
SOLID WASTE MANAGEMENT FACILITIES

**17-701.700 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 17-701.320, 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;

17-701.700(1) - 17-701.700(3)(a)

(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.

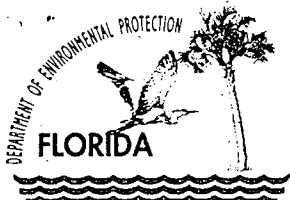
(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 17-25 and 17-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants 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.

17-701.700(3)(b) - 17-701.700(History)



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

NOV 15 1994

## NOTICE OF PERMIT

Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

RE: Pasco County Materials Recovery Facility  
Permit No. : SC51-252834, Pasco County

Dear Mr. Bramlett:

Enclosed is Construction Permit Number **SC51-252834**, 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

Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on NOV 15 1994 to the listed persons.

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

  
Clerk

NOV 15 1994  
Date

RDG/sjp  
Attachment

Copies furnished to:

Vincent Mannella, P.E., Pasco County Solid Waste Dept.,  
14230 Hays Road, Spring Hill, Fl 34610  
Tom O'Connor, P.E., King Engineering Associates,  
8406 Massachusetts Ave., Suite A-2, New Port Richey,  
Fl 34653  
Chris McGuire, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Chongman Lee, FDEP Tallahassee  
William Kutash, Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa

## APPLICATION TRACKING SYSTEM

11/17/94

APPL NO:252834

APPL RECVD:06/21/94 TYPE CODE:SC SUBCODE:14 LAST UPDATE:11/16/94  
DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:09/13/94  
DER PROCESSOR:PELZ

APPL STATUS:IS DATE:11/15/94 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF:\_\_\_ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:51  
(Y/N) N OGC HEARING REQUESTED LAT/LONG:28.21.45/82.33.45  
(Y/N) Y PUBLIC NOTICE REQD? BASIN-SEGMENT:\_\_\_  
(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:\_\_\_\_\_  
(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#:\_\_\_\_\_-\_\_\_\_\_

PROJECT SOURCE NAME:PASCO CO MRF

STREET:14220 HAYS RD

CITY:SPRING HILL

STATE:FL ZIP:34610

PHONE:\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_

APPLICATION NAME:PASCO COUNTY

STREET:7536 STATE ST

CITY:NEW PORT RICHEY

STATE:FL ZIP:34654

PHONE:813-847-8145

AGENT NAME:\_\_\_\_\_

STREET:\_\_\_\_\_

CITY:\_\_\_\_\_

STATE:\_\_\_\_\_

ZIP:\_\_\_\_\_

PHONE:\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_

FEE #1 DATE PAID:06/21/94 AMOUNT PAID:02000 RECEIPT NUMBER:00231376

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / /  
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / /  
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / /  
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 07/19/94--07/29/94  
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 08/26/94--09/13/94  
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / /  
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / /  
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / /  
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / /  
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / /  
G DATE FIELD REPORT WAS REQ--REC - - - - - / /  
H DATE DNR REVIEW WAS COMPLETED - - - - - / /  
I DATE APPLICATION WAS COMPLETE - - - - - 09/13/94  
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / /  
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - 10/21/94--10/24/94  
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - 10/21/94  
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - 10/31/94  
N WAIVER DATE BEGIN--END (DAY 90) - - - - - / /

COMMENTS:





# PASCO COUNTY, FLORIDA ~~AP~~.

APR 01 1999

Southwest District Tampa

DADE CITY (352) 521-4274  
LAND O'LAKES (813) 996-7341  
NEW PORT RICHEY (727) 856-0119  
FAX (727) 856-0007

PASCO COUNTY SOLID WASTE  
RESOURCE RECOVERY FACILITY  
14230 HAYS ROAD  
SPRING HILL, FL 34610

March 29, 1999

Mr. Robert J. Butera, P.E. III  
Division of Waste Management  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

Dear Mr. Butera:

Please be advised that the maintenance work on the lift stations A-1 and A-2 is now completed and they are again operational. We have had little to no rain during this time and the A-1 and A-2 areas are fully drained and dry.

Sincerely,

Vincent Mannella, P.E.  
Solid Waste Facility Manager

VM/drc

cc: John J. Gallagher, County Administrator  
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)

D.E.P.

MAR 3 1 1999



Southwest District Tampa  
**PASCO COUNTY, FLORIDA**

DADE CITY (352) 521-4274  
LAND O'LAKES (813) 996-7341  
NEW PORT RICHEY (727) 856-0119  
FAX (727) 856-0007

PASCO COUNTY SOLID WASTE  
RESOURCE RECOVERY FACILITY  
14230 HAYS ROAD  
SPRING HILL, FL 34610

March 26, 1999

Mr. Robert J. Butera, P.E. III  
Division of Waste Management  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

RE: Pasco County Material Rehandling (MRF)  
Facility; Permit No. SC51-252834  
Expiration Date June 1, 1999

Dear Mr. Butera:

Pasco County is requesting an exemption from re-permitting for operation of their Material Rehandling Facility situated in Shady Hills, FL. This exemption is made available to facilities that accept recovered materials only as noted in 62-701.200 (C)(2) F.A.C. The materials processed do not cause any environmental impact and satisfy the prohibitions noted in 62-701.300 F.A.C. Further, all residuals from the processing are placed in 40 cubic yard roll off boxes for final disposition in a Class I Sanitary Landfill.

Pasco County will not apply for permit renewal when permit No. SC51-232834 expires on June 1, 1999. Pasco County will assume that this request for exemption will be accepted by the Florida Department of Environmental Protection (FDEP) at the expiration date of the existing permit, unless we hear differently from the FDEP.

We appreciate your cooperation in this matter.

Sincerely,

Vincent Mannella, P.E.  
Solid Waste Facility Manager

VM/drc

cc: John J. Gallagher, County Administrator  
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director



# PASCO COUNTY, FLORIDA

D.E.P.

MAR 11 1999

DADE CITY  
LAND ALEXIS  
NEW PORT RICHEY  
FAX

(352) 521-4274  
(813) 996-7341  
(727) 856-0119  
(727) 856-0007

PASCO COUNTY SOLID WASTE  
RESOURCE RECOVERY FACILITY  
14230 HAYS ROAD  
SPRING HILL, FL 34610

March 5, 1999

Mr. Robert J. Butera, P.E. III  
Division of Waste Management  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

*notice is a little late for Boiler 1*  
*Daniel Steve*  
*Kew*  
*3/12/99*

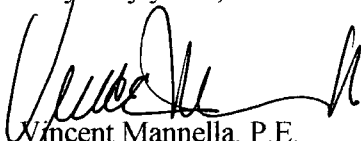
RE: Resource Recovery Plant (RRP)  
Spring Boiler Outages and Bypassing  
of M.S.W.

Dear Mr. Butera:

Please be advised that Pasco County's RRP spring outages commenced on March 1, 1999, on boiler No. 1, which will end on March 11, 1999. Boiler No. 2 outage is scheduled for April 18 through April 28, 1999 and Boiler No. 3 outage is scheduled for May 9 through May 19, 1999. I anticipate bypassing M.S.W. for approximately six days for each outage.

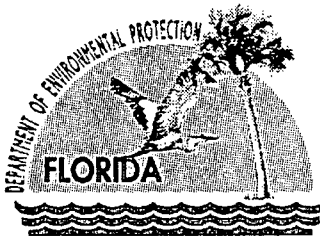
This data is submitted for your general information.

Very truly yours,

  
Vincent Mannella, P.E.  
Solid Waste Facility Manager

VM/drc

cc: Bob Sitz, Facility Manager, Ogden Martin Systems of Pasco, 14230 Hays Road, Spring Hill, FL 34610  
John J. Gallagher, County Administrator  
Douglas S. Bramlett, Assistant County Administrator  
Ronald J. Walker, Solid Waste Superintendent



Lawton Chiles  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Robert Sigmond, Director  
Pasco County Utilities Fiscal Services  
7530 Little Road, S-204  
New Port Richey, FL 34654

September 3, 1998

RE: Pasco County Materials Recovery Facility, Financial Assurance Cost Estimates  
Permit No.: SC51-252834, Pasco County

Dear Mr. Sigmond:

This letter is to acknowledge receipt of the inflation-adjusted cost estimates dated August 10, 1998 (received August 13, 1998), and "BFI Recycling Recap," for the closure of the West Pasco Materials Recovery Facility. The cost estimates dated August 10, 1998 (total \$8,116.31 for closure) are **APPROVED for 1998**. Please be advised that the approved cost estimates limit storage at the facility to 135 tons (maximum). The next annual update (revised estimates) is due no later than September 1, 1999.

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 Rules 62-701.700(4) and 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:

Douglas Bramlett, Pasco County Utilities Services, 7530 Little Road, New Port Richey, FL 34654  
Vincent Mannella, P.E., Pasco County Resource Recovery, 14230 Hays Road, Spring Hill, FL 34610  
Fred Wick, FDEP, Tallahassee, w/attachment  
Robert Butera, P.E., FDEP Tampa  
Kim Ford, P.E., FDEP Tampa



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Mr. Michael Landi  
Pasco County Utilities Fiscal Services  
7530 Little Road  
New Port Richey, FL 34654

September 18, 1996

RE: Pasco County Materials Recovery Facility, Financial Assurance Cost Estimates  
Permit No.: SC51-252834, Pasco County

Dear Mr. Landi:

This letter is to acknowledge receipt of the financial assurance cost estimates dated August 29, 1996, submitted by Mr. Michael Landi, Pasco County Utilities Fiscal Services Department, and additional information submitted by King Engineering Associates for the closure of the West Pasco Materials Recovery Facility. The cost estimates dated August 29, 1996 (total \$7,801.15 for closure) are APPROVED.

Please be advised that the cost estimates approved for 1996 limit storage at the facility to 135 tons (maximum). Based on waste quantity data which is provided to the Department quarterly, it appears that recordkeeping for the facility does not accurately reflect the storage at the facility. In order to adequately assess the facility's compliance with the financial assurance requirements of FAC 62-701.630, these discrepancies in recordkeeping must be resolved prior to the next annual update of the financial assurance cost estimates. The next annual update (revised estimates) is due no later than September 1, 1997.

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 FAC 62-701.630.

If you have any questions, you may contact me at (813) 744-6100 ext. 386.

Sincerely,

Susan J. Pelz, P.E.  
Solid Waste Section  
Division of Waste Management

sjp

cc:

Douglas Bramlett, Pasco County Utilities Services, 7530 Little Road, New Port Richey, FL 34654  
Robert J. Sigmond, Pasco County Utilities Fiscal Services, 7530 Little Road, New Port Richey, FL 34654  
Vincent Mannella, P.E., Pasco County Resource Recovery, 14230 Hays Road, Spring Hill, FL 34610  
Tom O'Connor, P.E., KEA, 8406 Massachusetts Ave., Ste. A-2, New Port Richey, FL 34653  
Fred Wick, FDEP, Tallahassee, w/attachment  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa  
Kim Ford, P.E., FDEP Tampa

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

Pasco District

December 8, 1995



Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Ms. Susan Pelz, E.I.  
Dept. of Environmental Protection  
Solid Waste Section  
3804 Coconut Palm Dr.  
Tampa, FL 33619

Re: Modifications to Pasco County Recycling  
FDEP #SC51-252834

Dear Ms. Pelz:

BFI, as the owner and operator of the equipment in this facility has completed plans to add equipment to improve efficiency, safety and provide additional floor space for improved fibers recycling. The additional equipment will be:

- (5) Material storage bins
- (5) Conveyors to storage bins  
three with Prodeva model 400 perforated for plastics
- (1) Eddy current separator ERIEZ model ELS-24 REM
- (1) Bag breaker with conveyor. Bulk handling model BB48
- (1) Fibers sort station with conveyor and pit  
\*equipment relocated from BFI's Ridge Rd. Facility

Please advise as to what steps I must take in order to proceed. You can reach me at 855-5463.

Thank you for your attention to this matter.

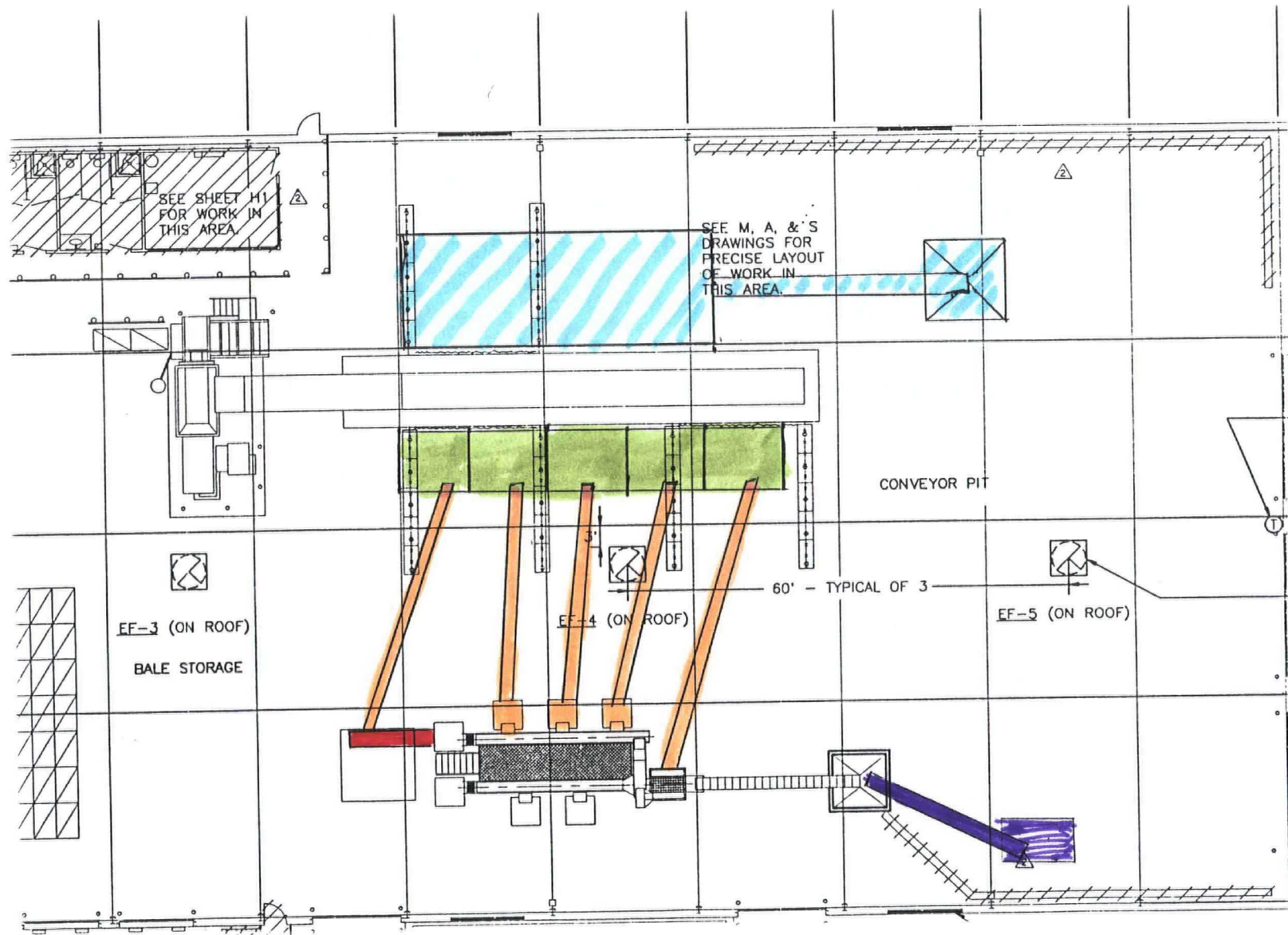
Respectfully,

BFI WASTE SYSTEMS

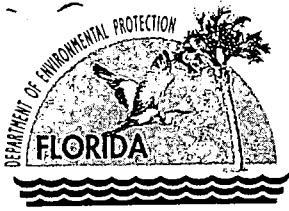
  
Thomas A. Peterson  
District Manager

TAP:cg

cc: Mr. Vince Mannella, P.E.  
Solid Waste Facility Mgr., Pasco County



SCALE : Approx 1" = 20'



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Browning-Ferris Industries, Inc.  
Mr. Tom Peterson, District Manager  
6800 Osteen Road  
New Port Richey, FL 34653-3699

July 26, 1995

RE: Glass Bunkers  
Pasco County Materials Recovery Facility  
Permit No.: SC51-252834, Pasco County

Dear Mr. Peterson:

This letter is to acknowledge receipt of your letter, dated July 6, 1995, concerning the construction of glass bunkers at the Pasco County Materials Recovery Facility located adjacent to the Pasco County Resource Recovery Facility on Hays Road. The Department has reviewed your request and has no objection to the proposed construction. As stated in your letter, liquids which may accumulate in the proposed glass bunkers shall continue to be discharged to the adjacent wastewater treatment facility. If the County wishes to minimize the quantity of liquids discharged from this area to the wastewater treatment facility, the Department suggests covering the area with a roof, tarps or other suitable covers.

The Department appreciates your notification of the proposed changes at the facility, and your continuing recycling efforts. If you have any questions, please contact me at (813) 744-6100, extension 386.

Sincerely,

Susan J. Pelz, E. I.  
Solid Waste Section  
Division of Waste Management

sjp

cc: Vincent Mannella, P.E., Solid Waste Facility Manager, Pasco County  
Resource Recovery Facility, 14230 Hays Road, Spring Hill, Fl., 34610  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa



Pasco District

July 6, 1995

D.E.P.

JUL 10 1995

PASCO DISTRICT  
TAMPA

Ms. Susan Pelz  
Florida Dept. of Environmental Protection  
3804 Coconut Palm Dr.  
Tampa, FL 33619

Re: Glass bunkers at Pasco County's recycling facility

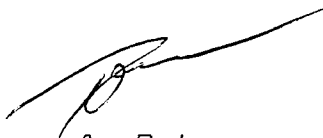
Dear Ms. Pelz:

This letter is to confirm our phone conversation of July 5, 1995 concerning the construction of glass bunkers on the existing concrete slab on the east side of the facility. The bunker area being drained directly to Pasco County's Waste Water Treatment Plant, would not include any covering overhead since this change does not affect the amount of water presently being discharged.

The bunkers will be constructed with precast concrete modules as per the original plans.

Please acknowledge this change along with any thoughts you might have.

Respectfully,



Thomas A. Peterson  
District Manager

TP:sm

pcc: Vince Mannella, P.E.  
Pasco Solid Waste Facility Mgr.

## DEP ROUTING AND TRANSMITTAL SLIP

TO: (NAME, OFFICE, LOCATION)

1. Kathy Anderson

3. \_\_\_\_\_

2. Solid Waste - TAL

4. \_\_\_\_\_

5. \_\_\_\_\_

PLEASE PREPARE REPLY FOR:

☐ SECRETARY'S SIGNATURE☐ DIV/DIST DIR SIGNATURE☐ MY SIGNATURE☐ YOUR SIGNATURE☐ DUE DATE \_\_\_\_\_

ACTION/DISPOSITION

☐ DISCUSS WITH ME☐ COMMENTS/ADVISE☐ REVIEW AND RETURN☐ SET UP MEETING☐ FOR YOUR INFORMATION☐ HANDLE APPROPRIATELY☐ INITIAL AND FORWARD☐ SHARE WITH STAFF☒ FOR YOUR FILES

COMMENTS:

Pasco Co MRFSC 51-252834permit documentation1 bound report2 sets of drawingsFROM: Susan PelzDATE: 4/30/95PHONE: X 386SC 542-6100

DEP 15-026 (12/93)

are not received by the Department on the enforcement action will be initiated.

ction

Virginia B. V.  
Secre

TIFICATION

4051M30035

SC51-252834

Issue: NOV 15 1994Date: 06/01/99

Pasco

28°21'45"N

82°33'45"W

Ege: 25/24S/17E

Pasco County

Materials Recovery

Facility

Chapter 403,  
Code Rule(s) 17-3

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facility, referred  
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located adjacent to  
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the Department by  
met and submittals  
ates noted,



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee

To:	Location:
To:	Location:
To:	Location:
From:	Date:

# Interoffice Memorandum

## PERMIT COVER MEMO

TO: WIG ☒ RICK GARRITY, DDM  
☒ WILLIAM KUTASH, ENV. ADM.  
OGC, ATTN: \_\_\_\_\_

11/15/94

FROM/THROUGH:

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
Robert Butera RB 11/14/94, SECTION SUPERVISOR  
Susan Peltz SP 11/14/94, ENG, ENV SPEC, GEOLOGIST

DATE:

11/14/94

FILE NAME: Pasco Co MRF  
PROGRAM: Solid Waste

PERMIT # SC51-252834  
COUNTY: Pasco

TYPE OF PERMIT ACTION: ☒ ISSUE ☐ DENY ☐ MODIFY  
☐ TRANSFER OWNER ☐ NOD ☐ INTENT ☐ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED?

PETITION?

RELEASED BY OGC?

PERMIT SUMMARY:

This is a construction permit for  
Pasco Co Materials Recovery Facility. The facility will  
process commingled recyclables (glass, plastic, paper, cans, etc)

PROFESSIONAL RECOMMENDATION:

☒

APPROVE

☐ DENY

EVALUATION SUMMARY:

Intent was issued 10-21-94. Proof of publication  
received 10-31-94. No petitions as of 11/11/94.

DAY 90/30 FOR THIS ACTION IS

ASAP

By Nov 17<sup>th</sup>



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

NOV 15 1994

## NOTICE OF PERMIT

Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

RE: Pasco County Materials Recovery Facility  
Permit No. : SC51-252834, Pasco County

Dear Mr. Bramlett:

Enclosed is Construction Permit Number **SC51-252834**, 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

Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

CERTIFICATE OF SERVICE

This undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on NOV 15 1994 to the listed persons.

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

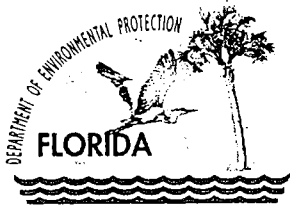
  
Clerk

NOV 15 1994  
Date

RDG/sjp  
Attachment

Copies furnished to:

Vincent Mannella, P.E., Pasco County Solid Waste Dept.,  
14230 Hays Road, Spring Hill, Fl 34610  
Tom O'Connor, P.E., King Engineering Associates,  
8406 Massachusetts Ave., Suite A-2, New Port Richey,  
Fl 34653  
Chris McGuire, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Chongman Lee, FDEP Tallahassee  
William Kutash, Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, FDEP Tampa



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Pasco County  
Utilities Department  
Mr. Douglas Bramlett, Assistant  
County Administrator  
7536 State Street  
New Port Richey, Fl 34654

## PERMIT/CERTIFICATION

GMS ID No: 4051M30035  
Permit No: SC51-252834  
Date of Issue: NOV 15 1994  
Expiration Date: 06/01/99  
County: Pasco  
Lat/Long: 28°21'45"N  
82°33'45"W  
Sec/Town/Rge: 25/24S/17E  
Project: Pasco County  
Materials Recovery  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-3, 17-4, 17-25, 17-522, 17-550, 17-701, and 17-711. 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, referred to as the Pasco County Materials Recovery Facility, subject to the specific and general conditions attached, located adjacent to the Pasco County Resource Recovery Facility at 14220 Hays Road, Spring Hill, Pasco County, Florida. The specific conditions attached are for the construction/operation of:

### 1. Materials Recovery Facility

Replaces Permit Number: N/A, new facility

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

**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 17-4.120 and 17-730.300, 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: Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator

PERMIT NO: SC51-252834  
Pasco County MRF

**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.

**SPECIFIC CONDITIONS:**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 17-3, 17-4, 17-25, 17-28, 17-520, 17-522, 17-550, and 17-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by King Engineering Associates, as follows:

Engineering Report for Pasco County Materials Recovery  
Facility Construction Permit Application, dated June  
1994;

Additional information dated July 26, 1994;

Additional information dated September 12, 1994;

Plan sheets numbers 1-6, signed and sealed on June 21, 1994;

Plan sheets numbers 7-15 and S1, signed and sealed on  
July 27, 1994;

Plan sheets numbers H1 and H2, signed and sealed on  
July 28, 1994;

Plan sheet number H94171-1, as revised August 31, 1994;  
and in accordance with all applicable requirements of  
Department rules.

3. **Permit Modifications.** Any activities 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 17-4.080, 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.** As required by F.A.C. 17-4.090(1), no later than **sixty (60) 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. 17-701.330(3).

**SPECIFIC CONDITIONS:**

**5. Certification of Construction Completeness.** Within sixty (60) days after all specified construction has been completed, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 17-701.900(2), signed and sealed by the professional engineer in charge of construction and quality assurance 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. all additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations).

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.

**6. Prohibitions.** The prohibitions of F.A.C. 17-701.300 shall not be violated.

**7. Facility Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 17-701.700, and the Operations Plan in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, Pages 2-5 and Attachment B, dated June 1994, and the additional information dated July 26, 1994 and September 12, 1994, and any other applicable requirements.

**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. Storage of Materials.** All recovered materials shall be stored inside the building, except recovered glass which shall be stored in covered stalls outside the building, as indicated in the Operations Plan in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, Pages 2-5 and Attachment B, dated June 1994, and the additional information dated July 26, 1994 and September 12, 1994. All residuals (non-recoverable, non-recyclable materials) shall be stored in containers in areas with leachate collection, and shall be disposed of in a disposal facility permitted by the Department within 48 hours of processing the material and generating the residual. Incidental white goods and tires shall be removed for disposal within 48 hours of receipt of these materials.

**SPECIFIC CONDITIONS:**

10. **Waste Records.** The owner or operator of the materials recovery facility shall record, in tons per day, the amount of material received. The quantity, in tons, of each material (i.e. aluminum cans, steel/tin cans, glass(3 colors), PET, HDPE (natural and colored), blue plastic bags, newspaper and office paper, aseptic containers, and residuals) which is removed from the site for recycling or disposal shall be compiled monthly and submitted to the Department **quarterly**, by **January 15th, April 15th, July 15th and October 15th** of each year. The operating authority shall remove from the site, 75% of all recovered materials each year, for recycling or disposal.

11. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 17-730, 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.

12. **Drainage Requirements.** All areas shall be cleaned at the end of each day's operation, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. Floors shall be free of standing liquids. Drainage from inside the facility shall be discharged to sanitary sewers as indicated in the additional information submitted by King Engineering Associates dated July 26, 1994 (response to comment #5). All drains shall be inspected for damage and clogging at least weekly, and shall be cleaned as required.

13. **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. 17-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 17-701.700(3)(d) and the Closure Plan submitted in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, dated June 1994, page 5 and Attachment G.

14. **Financial Assurance.** The permittee shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 17-701.700(4). All costs for closure shall be adjusted and submitted **annually, by September 1st each year**, to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. Since the permittee provides financial assurance for several additional solid waste management facilities, the establishment and funding of a separate sub-account for the closing costs of this facility shall constitute an approved mechanism. Proof that this sub-account has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

**SPECIFIC CONDITIONS:**

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction and 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.

16. **Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of processing equipment, drainage systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately (**within 24 hours**) notify the Department of Environmental Protection 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.

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained in accordance with SWFWMD permit number 409662.00, and F.A.C. 17-25, 17-330, and any other applicable Department rules.

18. **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.

19. **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.

20. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

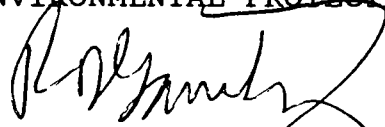
21. **Regulations.** A copy of F.A.C. 17-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that the regulations governing this permitted operation are revised, the Department shall notify the permittee, and the permittee shall request modification of those specific conditions which are affected by the revision of regulations to incorporate those revisions.

PERMITTEE: Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator

PERMIT NO: SC51-252834  
Pasco County MRF

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



---

Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

ATTACHMENT 1

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	60 days prior to permit expiration	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of construction completion	Certification of Construction Completion submitted; Record Drawings submitted; Narrative describing changes submitted
10.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste reports
13.	180 days prior to date of final material acceptance	Closure notification
14.	Annually, by September 1st	Financial assurance cost estimates



CHAPTER 17-701  
SOLID WASTE MANAGEMENT FACILITIES

**17-701.700 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 17-701.320, 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;

17-701.700(1) - 17-701.700(3)(a)

(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 17-25 and 17-330, 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.

17-701.700(3)(b) - 17-701.700(History)

I N T E R O F F I C E   M E M O R A N D U M

Date: 10-Nov-1994 04:10pm EST  
From: Chongman Lee TAL  
LEE\_C@A1@DER  
Dept: Waste Management  
Tel No: 904/921-9969  
SUNCOM:

TO: Susan Pelz TPA

( PELZ\_S @ A1 @ TPA1 )

Subject: GMS ID

You can share the same GMS ID number of 4051M30035 for West Pasco Class III Landfill and the new Pasco County Materials Recovery Facility.

Also, I assigned a new GMS ID number of 4029P49712 to Florida Recycling and Distribution Volume Reduction Facility.



# PASCO COUNTY, FLORIDA

D.E.P.

OCT 31 1994

SOUTHWEST DISTRICT  
TAMPA

UTILITIES SERVICES BRANCH  
PASCO COUNTY GOVT. COMPLEX  
7536 STATE STREET  
NEW PORT RICHEY, FL 34654

DADE CITY (904) 521-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (813) 847-8145

September 27, 1994

Ms. Susan Pelz, P.E.  
Waste Management Section  
Southwest District  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

RE: Intent to Issue Permit -  
Pasco County Materials Recovery Facility

Dear Ms. Pelz:

Pursuant to the Notice of Intent to Issue Permit, enclosed please find the original Proof of Publication for the above-referenced project, as required by Chapter 17-103.150, Florida Administrative Code.

We request issuance of permit as soon as the 14 days to file petitions has elapsed, so that we may proceed with this project.

Your assistance is appreciated and if you have any questions, please do not hesitate to contact me at the above-listed telephone number.

Sincerely,

Douglas S. Bramlett  
Assistant County Administrator  
(Utilities Services)

DSB/mvv

Enclosure

cc: Robert C. Steinle, P.E., Utilities Construction and Contract Management Director  
Vincent Mannella, P.E., Solid Waste Facility Manager  
Scott Berge, Civil Engineering Technician

STATE OF FLORIDA  
COUNTY OF PASCO

S.S.

## pasco times

Published Daily

Port Richey, Pasco County, Florida

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 the Pasco County Utilities Services Department, who applied on June 21, 1994, to the Department of Environmental Protection facility, referred to as the Pasco County Materials Recovery Facility, located at 14220 Hays Road, adjacent to the Pasco County Resource Recovery Facility, Spring Hill, Pasco 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 petition within this time period shall constitute a waiver of 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 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 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; 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 fourteen (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.  
(942980304) 10/26

FPA

Before the undersigned authority personally appeared Kris DeFazio who on oath says that he is Legal Clerk of the Pasco Times

a daily newspaper published at Port Richey, in Pasco County, Florida: that the attached copy of advertisement, being a Legal Notice in the matter RE: Notice of Proposed Agency Action

in the Court was published in said newspaper in the issues of October 26, 1994

Affiant further says the said Pasco Times is a newspaper published at Port Richey, in said Pasco County, Florida, and that the said newspaper has heretofore been continuously published in said Pasco County, Florida, each day and has been entered as second class mail matter at the post office in New Port Richey, in said Pasco 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.

Sworn to and subscribed before me this 26th day of October A.D. 1994

SEAL

Notary Public



DIANA J. CAMP

MY COMMISSION # CC302655 EXPIRES

August 10, 1997

BONDED THRU TROY FAIR INSURANCE, INC.

My commission expires Personally Known or Produced Identification 19       
Type Of Identification Produced

SOUTHWEST DISTRICT  
CONVERSATION RECORD

Date 10/25/94  
Time 225

Subject PNSCO MRF  
Permit No. \_\_\_\_\_  
County \_\_\_\_\_  
Telephone No. \_\_\_\_\_

M Charlie Laws

Representing BFI

☐ Phone Me ☐ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

- glass bunkers - don't want to put them in -

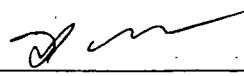
can they use 20-30 yard roll-offs w/ waterproof tarps?

I told him ok. (changes must be shown on second draw)

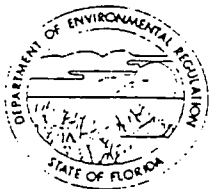
- can they have trial runs to get belt speeds & Alignments prior to receiving permit?

- I told him ok. ~~the~~ (Intent to Issue will be published tomorrow) but don't go in to full operation until they receive permit

(continue on another  
sheet, if necessary)

Signature 

Title EI



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee

To:	Location:
To:	Location:
To:	Location:
From:	Date:

# Interoffice Memorandum

## PERMIT COVER MEMO

TO: ☒ RICK GARRITY, DDM  
☒ WILLIAM KUTASH, ENV. ADM. *W. Kutash*  
☐ OGC, ATTN: \_\_\_\_\_

FROM/THROUGH: \_\_\_\_\_

\_\_\_\_\_, ENVIRONMENTAL ADMINISTRATOR  
\_\_\_\_\_, PROGRAM SUPERVISOR  
*Robert Butera* *10/18/94* *RB*, SECTION SUPERVISOR  
*Susan Delz* *10/18/94*, ENG, ENV SPEC, GEOLOGIST

DATE: *10/12/94*

FILE NAME: *Pasco Co MRF*  
PROGRAM: *Solid Waste*

*Permit*  
~~Case~~ #: *SC51-252834*  
COUNTY: *Pasco Co*

TYPE OF PERMIT ACTION: \_\_\_\_\_ ISSUE \_\_\_\_\_ DENY \_\_\_\_\_ MODIFY \_\_\_\_\_  
\_\_\_\_\_ TRANSFER OWNER \_\_\_\_\_ NOD ☒ INTENT \_\_\_\_\_ PUBLIC NOTICE

PUBLIC NOTICE PERIOD CLOSED? \_\_\_\_\_  
PETITION? \_\_\_\_\_

RELEASED BY OGC? \_\_\_\_\_

PERMIT SUMMARY: *This is an intent to issue the construction permit for the Pasco MRF. The facility will process and recover materials from commingled recyclables.*

PROFESSIONAL RECOMMENDATION: ☒ APPROVE \_\_\_\_\_ DENY \_\_\_\_\_

EVALUATION SUMMARY: *I recommend issuance based on*

*the information submitted. This facility will be*

*a state-of-the-art recycling facility and will be beneficial to Pasco County.*

DAY 90/30 FOR THIS ACTION IS *ASAP 11-1-94*

P 079 948 976

# RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to <i>Douglas Bramlett</i>	
Street and No. <i>Pasco County Util. Dept</i>	
P.O., State and ZIP Code <i>FL</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date  <i>10-21-94</i>	

PS Form 3800, June 1985

Fold at line over top of envelope to the right of the return address.

PS Form 3800, June 1985

PS Form 3800, June 1985

## SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
  - ☐ Restricted Delivery
- Consult postmaster for fee.

## 3. Article Addressed to:

*Douglas Bramlett, Asst. City Mgr.  
Pasco County Utilities Dept  
7536 State Street  
New Port Richey, FL 34654*

## 4a. Article Number

*P079 948 976*

## 4b. Service Type

- ☐ Registered
- ☒ Certified
- ☐ Express Mail
- ☐ Insured
- ☐ Return Receipt for Merchandise

## 7. Date of Delivery

*NOV 1 1994*

## 5. Signature (Addressee)

## 6. Signature (Agent)

*M. J. J. J.*

## 8. Addressee's Address (Only if requested and fee is paid)

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.



UNITED STATES POSTAL SERVICE



Official Business

RECEIVED  
OCT 25 1994

PENALTY FOR PRIVATE  
USE TO AVOID PAYMENT  
OF POSTAGE \$300



Department of Environmental Protection  
SOUTHWEST DISTRICT

Print your name, address and ZIP Code here

SUSAN PELZ  
STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
3804 COCONUT PALM DR.  
TAMPA, FLORIDA 33619

**THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

OCT 21 1994

In the matter of an  
Application for Permit by:                      DEP File No.      SC51-252834,  
Pasco County

Pasco County Utilities Services Department  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, Florida 34654

---

**INTENT TO ISSUE**

The Department of Environmental Protection hereby gives notice of its Intent to Issue an construction permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Pasco County Utilities Services Department, Mr. Douglas Bramlett, Assistant County Administrator, applied on June 21, 1994 to the Department of Environmental Protection for a permit to construct and operate a solid waste materials recovery facility referred to as the Pasco County Materials Recovery Facility, located at 14220 Hays Road, adjacent to the Pasco County Resource Recovery Facility, Spring Hill, Pasco County, Florida.

The Department has permitting jurisdiction under 403.707 and 403.861, Florida Statutes, and Rules 17-4 and 17-701 Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a construction 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 17-3, 17-4, 17-25, 17-550, and 17-701, F.A.C., subject to the specific conditions attached in the permit.

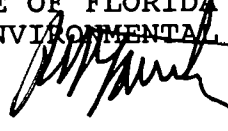
Pursuant to Section 403.815, Florida Statutes and FDEP Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on Permit Application. The notice must be published one time only within thirty (30) days of receipt of this intent 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 Section 120.57, Florida Statutes. A person 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. Petitions must comply with the requirements of Florida Administrative Code Rule 17-103.155 (copy enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the

permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

---

Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

RDG/sjp  
Attachment

Copies furnished to:

Elected Officials Notification List  
Pasco County Board of County Commissioners  
Vincent Mannella, P.E., Pasco County Solid Waste Dept.,  
14230 Hays Road, Spring Hill, FL 34610  
Tom O'Connor, P.E., King Engineering Associates,  
8406 Massachusetts Ave., Suite A-2, New Port Richey,  
FL 34653  
Chris McGuire, OGC Tallahassee  
Kathy Anderson, FDEP Tallahassee  
Fred Wick, FDEP Tallahassee  
Chongman Lee, FDEP Tallahassee  
William Kutash, Program Administrator, FDEP Tampa  
Robert Butera, P.E., FDEP Tampa  
Steve Morgan, 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 OCT 21 1994 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.

*Lenna Black*  
(Clerk)

OCT 21 1994  
(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 the Pasco County Utilities Services Department, who applied on June 21, 1994, to the Department of Environmental Protection for a permit to construct and operate a materials recovery facility, referred to as the Pasco County Materials Recovery Facility, located at 14220 Hays Road, adjacent to the Pasco County Resource Recovery Facility, Spring Hill, Pasco 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 (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 holiday, at 3804 Coconut Palm Drive, Tampa, Florida 33619-8318.



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## PERMITTEE

Pasco County  
Utilities Department  
Mr. Douglas Bramlett, Assistant  
County Administrator  
7536 State Street  
New Port Richey, Fl 34654

## PERMIT/CERTIFICATION

GMS ID No:  
Permit No: **SC51-252834**  
Date of Issue:  
Expiration Date: **06/01/99**  
County: Pasco  
Lat/Long: 28°21'45"N  
82°33'45"W  
Sec/Town/Rge: 25/24S/17E  
Project: Pasco County  
Materials Recovery  
Facility

**DRAFT**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-3, 17-4, 17-25, 17-522, 17-550, 17-701, and 17-711. 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, referred to as the Pasco County Materials Recovery Facility, subject to the specific and general conditions attached, located adjacent to the Pasco County Resource Recovery Facility at 14220 Hays Road, Spring Hill, Pasco County, Florida. The specific conditions attached are for the construction/operation of:

### 1. Materials Recovery Facility

Replaces Permit Number: N/A, new facility

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



GENERAL CONDITIONS:

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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:

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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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**GENERAL CONDITIONS:**

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, 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: Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator

PERMIT NO: SC51-252834  
Pasco County MRF

**GENERAL CONDITIONS:**

**DRAFT**

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.

**SPECIFIC CONDITIONS:**

**DRAFT**

1. **Facility Designation.** This site shall be classified as a resource recovery facility for materials recovery, sorting and recycling, and shall be constructed and operated in accordance with all applicable requirements of Chapters 17-3, 17-4, 17-25, 17-28, 17-520, 17-522, 17-550, and 17-701 Florida Administrative Code (F.A.C.) and all applicable requirements of Department Rules.

2. **Permit Application Documentation.** This permit is valid for construction and operation of the material recovery facility and related facilities in accordance with the reports, plans and other information, submitted by King Engineering Associates, as follows:

Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, dated June 1994;

Additional information dated July 26, 1994;

Additional information dated September 12, 1994;

Plan sheets numbers 1-6, signed and sealed on June 21, 1994;

Plan sheets numbers 7-15 and S1, signed and sealed on July 27, 1994;

Plan sheets numbers H1 and H2, signed and sealed on July 28, 1994;

Plan sheet number H94171-1, as revised August 31, 1994; and in accordance with all applicable requirements of Department rules.

3. **Permit Modifications.** Any activities 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 17-4.080, 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.** As required by F.A.C. 17-4.090(1), no later than sixty (60) 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. 17-701.330(3).

**SPECIFIC CONDITIONS:**

**DRAFT**

**5. Certification of Construction Completeness.** Within sixty (60) days after all specified construction has been completed, the following activities shall be completed:

a. The owner or operator shall submit a Certification of Construction Completion, Form 17-701.900(2), signed and sealed by the professional engineer in charge of construction and quality assurance 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. all additions, deletions, revisions to the plans previously approved by the Department including site grades and elevations).

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.

**6. Prohibitions.** The prohibitions of F.A.C. 17-701.300 shall not be violated.

**7. Facility Operation Requirements.** The permittee shall operate this facility in accordance with F.A.C. 17-701.700, and the Operations Plan in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, Pages 2-5 and Attachment B, dated June 1994, and the additional information dated July 26, 1994 and September 12, 1994, and any other applicable requirements.

**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. Storage of Materials.** All recovered materials shall be stored inside the building, except recovered glass which shall be stored in covered stalls outside the building, as indicated in the Operations Plan in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, Pages 2-5 and Attachment B, dated June 1994, and the additional information dated July 26, 1994 and September 12, 1994. All residuals (non-recoverable, non-recyclable materials) shall be stored in containers in areas with leachate collection, and shall be disposed of in a disposal facility permitted by the Department within 48 hours of processing the material and generating the residual. Incidental white goods and tires shall be removed for disposal within 48 hours of receipt of these materials.

**SPECIFIC CONDITIONS:**

**DRAFT**

10. **Waste Records.** The owner or operator of the materials recovery facility shall record, in tons per day, the amount of material received. The quantity, in tons, of each material (i.e. aluminum cans, steel/tin cans, glass(3 colors), PET, HDPE (natural and colored), blue plastic bags, newspaper and office paper, aseptic containers, and residuals) which is removed from the site for recycling or disposal shall be compiled monthly and submitted to the Department **quarterly, by January 15th, April 15th, July 15th and October 15th** of each year. The operating authority shall remove from the site, 75% of all recovered materials each year, for recycling or disposal.
11. **Monitoring of Waste.** The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a waste in Chapter 17-730, 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.
12. **Drainage Requirements.** All areas shall be cleaned at the end of each day's operation, or as needed, to prevent odor or vector problems. All washdown water shall be contained within the building. Floors shall be free of standing liquids. Drainage from inside the facility shall be discharged to sanitary sewers as indicated in the additional information submitted by King Engineering Associates dated July 26, 1994 (response to comment #5). All drains shall be inspected for damage and clogging at least weekly, and shall be cleaned as required.
13. **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. 17-701.700(3)(d). The facility shall be closed in accordance with F.A.C. 17-701.700(3)(d) and the Closure Plan submitted in the Engineering Report for Pasco County Materials Recovery Facility Construction Permit Application, dated June 1994, page 5 and Attachment G.
14. **Financial Assurance.** The permittee shall provide financial assurance for the material recovery facility site in accordance with F.A.C. 17-701.700(4). All costs for closure shall be adjusted and submitted **annually, by September 1st each year**, to: Solid Waste Manager, Solid Waste Section, Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 33619-8318. Since the permittee provides financial assurance for several additional solid waste management facilities, the establishment and funding of a separate sub-account for the closing costs of this facility shall constitute an approved mechanism. Proof that this sub-account has been funded adequately shall be submitted **annually** to: Financial Coordinator, Solid Waste Section, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

**SPECIFIC CONDITIONS:**

**DRAFT**

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**SPECIFIC CONDITIONS:**

**DRAFT**

15. **Control of Nuisance Conditions.** The operating authority shall be responsible for the control of odors and fugitive particulates arising from this construction and 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.

16. **Facility Maintenance and Repair.** The site shall be properly maintained including building maintenance, and maintenance of processing equipment, drainage systems, and stormwater systems. In the event of damage to any portion of the site facilities or failure of any portion of the associated systems, the permittee shall immediately (**within 24 hours**) notify the Department of Environmental Protection 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.

17. **Stormwater System.** The site shall continue to have a stormwater management system operated and maintained in accordance with SWFWMD permit number 409662.00, and F.A.C. 17-25, 17-330, and any other applicable Department rules.

18. **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.

19. **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.

20. **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 and also including date of permit expiration and renewal deadlines. It is a violation of this permit for failure to comply with all conditions and deadlines.

21. **Regulations.** A copy of F.A.C. 17-701.700, effective May 19, 1994, attached, is a part of this permit and shall remain attached for future reference. In the event that the 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.

PERMITTEE: Pasco County Utilities Department  
Mr. Douglas Bramlett, Assistant County Administrator

PERMIT NO: SC51-252834  
Pasco County MRF

DRAFT

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

---

Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

ATTACHMENT 1

DRAFT

SPECIFIC CONDITION	SUBMITTAL DUE DATE	REQUIRED ITEM
4.	60 days prior to permit expiration	Permit Renewal Application
5.a., 5.b., 5.c.	Within 60 days of construction completion	Certification of Construction Completion submitted; Record Drawings submitted; Narrative describing changes submitted
10.	Quarterly, by January 15th, April 15th, July 15th, and October 15th	Waste reports
13.	180 days prior to date of final material acceptance	Closure notification
14.	Annually, by September 1st	Financial assurance cost estimates

CHAPTER 17-701  
SOLID WASTE MANAGEMENT FACILITIES**17-701.700 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 17-701.320, 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;

17-701.700(1) - 17-701.700(3)(a)

(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.

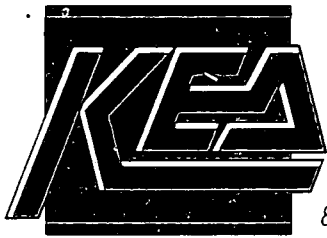
(5) Stormwater. Stormwater shall be controlled in accordance with Chapters 17-25 and 17-330, F.A.C. A copy of any permit for stormwater control issued by the Department, or documentation that no such permit is required, shall be submitted to the Department before the facility receives waste. Applicants 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.

17-701.700(3)(b) - 17-701.700(History)



**King Engineering Associates, Inc.**

8406 Massachusetts Avenue, Suite A-2 • New Port Richey, Florida 34653 • (813) 846-0904 • Fax: (813) 846-7017

**Engineers**

**Planners**

**Scientists**

**Surveyors**

September 12, 1994

Ms. Susan Pelz, E.I.  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619

Re: Pasco County  
Materials Recovery Facility  
Pending Permit No. SC51-252834

**RECEIVED**  
SEP 13 1994

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Dear Ms. Pelz:

King Engineering Associates, Inc. (KEA) and Pasco County are in receipt of your letter (attached) regarding the referenced permit application. Enclosed please find a copy of Browning-Ferris Industries' (BFI) letter dated September 8, 1994, which addresses your comments. We have reiterated these responses for your convenience.

Comment #1: ✓ The information submitted indicates that bags will be removed manually. Will the bags be disposed of or recycled? Is this quantity included in the residual stream of 5-10%?

Response: Plastic base (blue bags) will be recycled if a market can be found. The market for various-resin, mixed film plastics has traditionally not been stable. The bags are included in the stated residual stream of 5-10%.

Comment #2: ✓ The information submitted indicates that the "sorting system [including the trommel, air classifier, and magnet] and its conveyor are shown on the Drawings on Sheet 3." However, the trommel, air classifier and magnet are not shown on Drawing 3. The system shown on Drawing 3 indicates a hand-sort operation only, with a single conveyor and six storage bins for separated materials. Trommels, air classifiers and magnet systems typically have two output streams, each with a specific associated conveyor or discharge bin. (Please revise Drawing 3 to show the trommel screen, air classifier, magnet and associated conveyor systems.)

Response: Drawing #3 did not show the trommel, air classifier and magnet. The attached drawing from our equipment vendor shows these



features. The trash conveyors are located beneath the two sorting lines and travel in a reverse direction to discharge in the trash container located under the magnet.

**Comment #3:** The information provided indicates that "an air classifier will not sort with 100% accuracy." The information submitted does not adequately address the Department's request. Typically, air classifiers separate shredded materials, not whole bottles. Please provide a detailed description of the process by which whole, mixed containers are separated by air classification. Please provide any references upon which this operation is based.

**Response:** The air classifier for this application is designed to blow light objects (i.e., aluminum, plastics, and paper) to the aluminum and plastic sort conveyor, and allows the heavier material (i.e., glass) to chop and continue to the glass sort conveyor. Paper will be pulled off the aluminum and plastic sort line, and placed onto the reverse-direction trash conveyor. This configuration is working very well at BFI's Recyclery<sup>TM</sup> in Broward County, Florida.

**Comment #4:** The Department is aware that several contractors/consultants may be utilized in this project. However, the Department requires complete construction drawings and specifications for permit review. The information provided is sufficient for the baler and baler feed conveyor. However, the information submitted on the "sorting system" is simply a vendor quotation. Please provide details (i.e., shop drawings, manufacturer specification sheets, etc.) for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, manufacturer expected efficiency, associated conveyor systems, air supply system, and installation details. For example, is the air classifier a horizontal or vertical type of air classifier? Is it straight-walled with continuous flow, or passive-pulsing? What is the size of the blower? What is the operation angle for the trommel? What is the speed of the trommel? What is the speed of the trommel? Will air be used to entrain light particles for removal from the trommel? Is the magnet inclined? What is the mechanism for removing materials from the magnet? etc...

**Response:** ✓ As discussed in our conversation with Susan Pelz:

- The air classifier is neither horizontal or vertical, rather it is inclined at an approximately 25 degree angle. The unit does not "transport" any material, but blows the lighter fraction



away from the heavier fraction. It is straight walled with continuous flow. It has a 5 horsepower blower.

- The operation angle for the trommel is 7 degrees.
- The speed of the trommel is approximately 112 feet per minute.
- Air will not be used to entrain light particles from the trommel.
- The magnet is not inclined, it is horizontal.
- Gravity will remove non-ferrous materials.

**Comment #5:** The information submitted indicates that "glass containers will be hand sorted from the heavy fraction conveyor line on the sorting system and placed into self dumping hoppers...[and then into] glass storage bunkers." Which conveyor line on drawing 3 is the "heavy fraction conveyor line"? Please show the "heavy fraction conveyor line on Drawing 3 or other appropriate Drawing. After the glass is placed in the storage bunkers, how often is it removed for recycling or disposal? How is the glass removed from the bunkers?

**Response:**

✓ The heavy fraction conveyor line is the bottom line shown in the layout plan on Drawing H94171-1. It is directly adjacent to the containers marked "Green", "AMB", and "FL".

Glass will normally be removed from the storage bunker when a 20-ton inventory is available. This equates to a marketable load of glass. A front-end loader will be used to remove glass from the storage bunker into shipment trailers.

**Comment #6:** The information submitted indicates that "any incidental white goods, tires, etc. will be sorted into a front load dumpster container and disposed of as appropriate, on an as-needed basis." Please specify the maximum time these materials will be sorted at the site.

**Response:**

✓ White goods, tires, or any other incidental contaminants will be removed for disposal on an as-needed basis; not longer than two days storage on-site.



Ms. Susan Pelz, E.I.  
September 12, 1994  
Page 4



I hope that we have adequately addressed your concerns. Please feel free to call me with any questions.

Sincerely,

A handwritten signature in black ink, reading 'Thomas M. O'Connor'.

Thomas M. O'Connor, P.E.  
Director of Environmental Engineering

:clf  
Encl.

cc: Robert Steinle, P.E., Pasco County Utilities, w/encl.  
Douglas S. Bramlett, Pasco County Utilities, w/o encl.  
Robert Sigmond, Pasco County Utilities, w/encl.  
Steven R. Shannon, Browning Ferris, w/encl.  
File 3210-014-000 (105) MRF  
(LETTERS\LL180C.TOC)



Lawton Chiles  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

AUG 29 1994

RECEIVED  
SEP 13 1994

Department of Environmental Protection  
SOUTHWEST DISTRICT

Virginia B. Wetherell  
Secretary

KEA

Pasco County Utilities Services  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

August 26, 1994

RE: Materials Recovery Facility, Pasco County  
Pending Permit No. SC51-252834

Dear Mr. Bramlett:

This is to acknowledge receipt of your permit application, to construct a solid waste management facility, referred to as the Pasco County 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 17-701, Florida Administrative Code (F.A.C.)]:

1. The information submitted indicates that bags will be removed manually. Will the bags be disposed of or recycled? Is this quantity included in the residual stream of 5-10%?
2. The information submitted indicates that the "sorting system [including the trommel, air classifier, and magnet] and its conveyor are shown on the Drawings on Sheet 3." However, the trommel, air classifier and magnet are not shown on Drawing 3. The system shown on Drawing 3 indicates a hand-sort operation only, with a single conveyor and six storage bins for separated materials. Trommels, air classifiers and magnet systems typically have two output streams, each with a specific associated conveyor or discharge bin. Please revise Drawing 3 to show the trommel screen, air classifier, magnet and associated conveyor systems.

3. The information provided indicates that "an air classifier will not sort with 100% accuracy." The information submitted does not adequately address the Department's request. Typically, air classifiers separate shredded materials, not whole bottles. Please provide a detailed description of the process by which whole, mixed containers are separated by air classification. Please provide any references upon which this operation is based.

4. The Department is aware that several contractors/consultants may be utilized in this project. However, the Department requires complete construction drawings and specifications for permit review. The information provided is sufficient for the baler and baler feed conveyor. However, the information submitted on the "sorting system" is simply a vendor quotation. Please provide details (i.e. shop drawings, manufacturer specification sheets, etc.) for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, manufacturer expected efficiency, associated conveyor systems, air supply system, and installation details. For example, is the air classifier a horizontal or vertical type of air classifier? Is it straight-walled with continuous flow, or passive-pulsing? What is the size of the blower? What is the operation angle for the trommel? What is the speed of the trommel? Will air be used to entrain light particles for removal from the trommel? Is the magnet inclined? What is the mechanism for removing materials from the magnet? etc...

5. The information submitted indicates that "glass containers will be hand sorted from the heavy fraction conveyor line on the sorting system and placed into self dumping hoppers...[and then into] glass storage bunkers." Which conveyor line on drawing 3 is the "heavy fraction conveyor line"? Please show the "heavy fraction conveyor line on Drawing 3 or other appropriate Drawing. After the glass is placed in the storage bunkers, how often is it removed for recycling or disposal? How is the glass removed from the bunkers?

6. The information submitted indicates that "any incidental white goods, tires, etc. will be sorted into a front load dumpster container and disposed of as appropriate, on an as-needed basis." Please specify the maximum time these materials will be stored at the site.

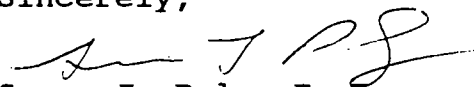
The following comment is for information only, at this time, and does not require an immediate response:

1. The supplemental drawings submitted (Sheets 7 through 15, H1, H2, and S1) do not provide details on the fire suppression system. Please be advised that the light fixtures, Type "F", proposed for some areas of the facility, are not explosion proof and must be installed above any fire suppression sprinklers. Please be advised that a fire safety survey conducted by the local fire authorities shall be required by the Department upon completion of construction, and annually thereafter during the operation of the facility.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 17-12.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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 submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

  
Susan J. Pelz, E. I.  
Solid Waste Section  
Division of Waste Management

sjp

cc: Tom O'Connor, P.E., King Engineering Associates, 8406  
Massachusetts Ave., Suite A-2, New Port Richey,  
FL 34653  
Robert Butera, P.E., FDEP Tampa



**Waste Systems™**  
BROWNING-FERRIS INDUSTRIES

SOUTH ATLANTIC REGION

Recycled paper

**RECEIVED**  
SEP 13 1994

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

September 8, 1994

Mr. Doug Bramlett  
Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

Dear Mr. Bramlett:

In regard to the August 26, 1994 letter from the Florida Department of Environmental Protection asking for clarification of data pursuant to the Pasco County Materials Recovery Facility, we submit this letter to satisfy their questions. We discussed this response with Susan J. Pelz of FDEP last week and are comfortable that this additional data will satisfy their inquiry. Our responses relate to the format of questions asked by FDEP.


- 1) Plastic bags (blue bags) will be recycled if a market can be found. The market for various-resin, mixed film plastics has traditionally not been stable. The bags are included in the stated residual stream of 5-10%.
- 2) Drawing #3 did not show the trommel, air classifier and magnet. The attached drawing from our equipment vendor shows these features. The trash conveyors are located beneath the two sorting lines and travel in a reverse direction to discharge in the trash container located under the magnet.
- 3) The air classifier for this application is designed to blow light objects (i.e. aluminum, plastics and paper) to the aluminum and plastic sort conveyor and allows the heavier material (i.e. glass) to chop and continue to the glass sort conveyor. Paper will be pulled off the aluminum and plastic sort line and placed onto the reverse-direction trash conveyor. This configuration is working very well at our Recyclery™ in Broward County, Florida.
- 4) As discussed in our conversation with Susan Pelz, the air classifier:
  - A) is neither horizontal nor vertical, rather it is inclined at an approximately 25 degree angle. The unit does not "transport" any material, but blows the lighter fraction away from the heavier fraction.
  - B) is straight walled with continuous air flow

Letter to Mr. Doug Bramlett  
Page Two  
September 8, 1994

- C) has a 5 horse power blower
- The operation angle for the trommel is 7 degrees.
  - The speed of the trommel is approximately 112 feet per minute.
  - Air will not be used to entrain light particles from the trommel.
  - The magnet is not inclined, it is horizontal.
  - Gravity will remove non-ferrous materials.
- 5) The heavy fraction conveyor line is the bottom line shown in the lay-out plan on drawing H94171-1. It is directly adjacent to the containers marked "Green", "AMB", and "FL".
- Glass will normally be removed from the storage bunker when a 20-ton inventory is available. This equates to a marketable load of glass. A front-end loader will be used to remove glass from the storage bunker into shipment trailers.
- 6) White goods, tires or any other incidental contaminants will be removed for disposal on an as-needed basis; not longer than two days storage on-site.

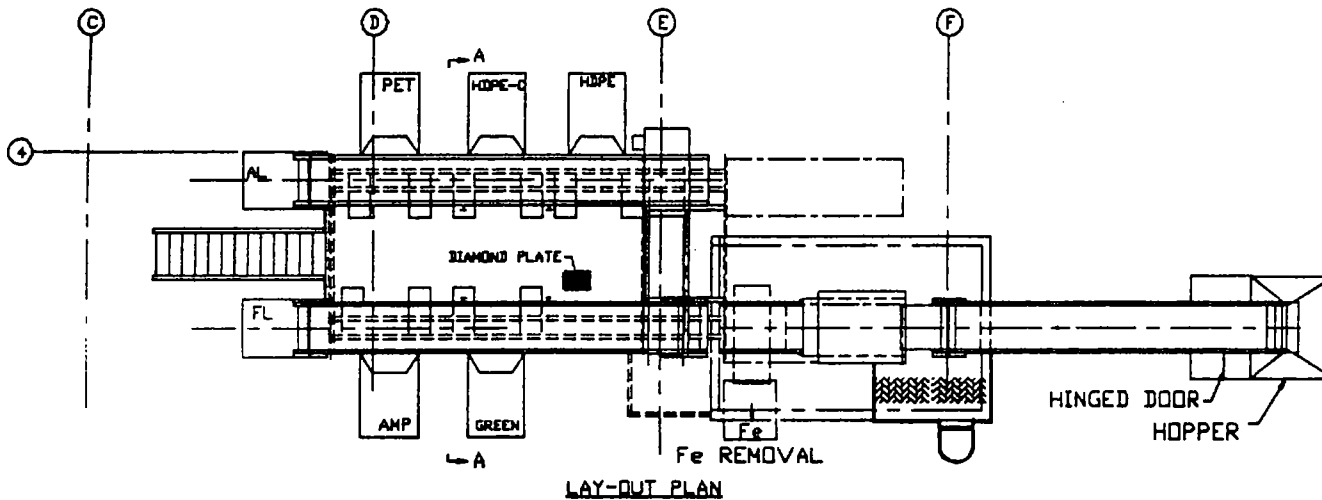
We trust that these responses will be sufficient for permitting purposes. We are cognizant that the facility is scheduled to open in early October of 1994. If I may be of further assistance, please contact me.

Respectfully,

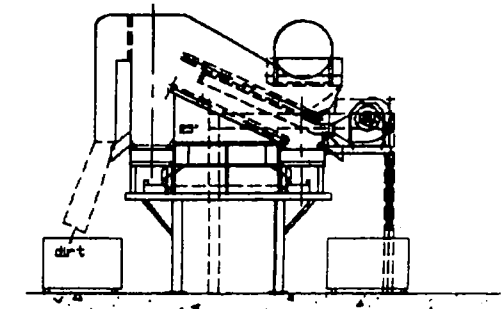
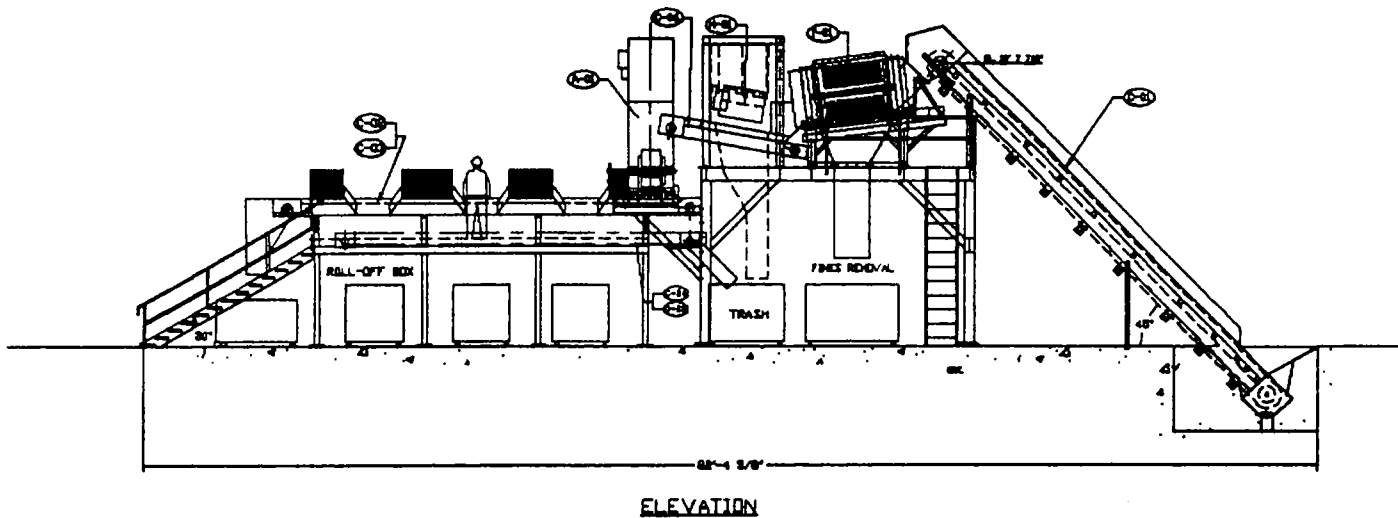
  
Steven R. Shannon  
Regional Manager - Processing  
South Atlantic Region

SRS/bw

Enclosures



MARK	DESCRIPTION	HP
(C-01)	30" WIDE X 38'-6" LG. FLEXVALL	5
(C-02)	CROSS BELT MAGNET	2
(C-03)	4' DIA. X 8'-0" TROMMEL SCREEN	3
(C-04)	AIR CLASSIFIER/ BLOWER	3 1/2
(C-05)	30" WIDE X 28'-0" LG. SORTING CONVEYOR	4
(C-06)	34" WIDE X 28'-0" LG. SORTING CONVEYOR	1
(C-07)	12" WIDE X 24'-0" LG. FLAT BELT CONVEYOR	2 1/4
(C-08)	18" WIDE X 24'-0" LG. FLAT BELT CONVEYOR	3 1/4
(C-09)	36" WIDE X 8'-9" LG. FLAT BELT CONVEYOR	3 1/4



SECTION A-A

<b>HUSTLER</b> CONVEYOR COMPANY 1000 WEST 10TH AVE. DENVER, CO 80202 TEL. 353-1000 FAX 353-1000		DRG. NO. H94171-1 30700 THER 30740 3. F. I. CRASCO COUNTY CRIGLER ENTERPRISES
--	--	--

SOUTHWEST DISTRICT  
CONVERSATION RECORD

Date 9/1/94  
Time 9:19am

Subject PASCO MRF  
Permit No. \_\_\_\_\_  
County \_\_\_\_\_  
Telephone No. \_\_\_\_\_

M \_\_\_\_\_

Representing \_\_\_\_\_

[ ] Phone Me [ ] Was Called [ ] Scheduled Meeting [ ] Unscheduled Meeting  
Conference Call

Other Individuals Involved in Conversation/Meeting Charlie Laws - BFI,  
Steve Frank Gray, Brian Moschetto, Steve Shannon,  
<sup>EPA Mgr</sup> <sup>BFI</sup> <sup>KEA</sup> <sup>regional recycling mgr</sup> <sup>BFI</sup>

-discussed incompleteness letter

Steve - 1. Bags will be recycled if possible - yes included in 5-10% residual

2. Sorting system - equip mfg will give KEA revised draw

Draw 3 is original draw for contract

We want specific details on equipment - Steve - equipment design is proprietary  
- plant sizes & equipment sizes are proprietary

Ft Lauderdale has AC that separates whole bottle

~~conceptual~~

sketch - compromise - (conceptual (not to scale) draw w/ equipment locations  
Flow chart showing process flow

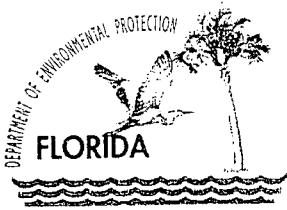
ok

(continue on another  
sheet, if necessary)

Signature [Signature]

Title EI





# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Pasco County Utilities Services  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

August 26, 1994

RE: Materials Recovery Facility, Pasco County  
Pending Permit No. SC51-252834

*Comments?  
This has to  
go today -*

*Bob RB*

Dear Mr. Bramlett:

This is to acknowledge receipt of your permit application, to construct a solid waste management facility, referred to as the Pasco County 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 17-701, Florida Administrative Code (F.A.C.)]:

- ✓ 1. The information submitted indicates that bags will be removed manually. Will the bags be disposed of or recycled? Is this quantity included in the residual stream of 5-10%?
- ✓ 2. The information submitted indicates that the "sorting system [including the trommel, air classifier, and magnet] and its conveyor are shown on the Drawings on Sheet 3." However, the trommel, air classifier and magnet are not shown on Drawing 3. The system shown on Drawing 3 indicates a hand-sort operation only, with a single conveyor and six storage bins for separated materials. Trommels, air classifiers and magnet systems typically have two output streams, each with a specific associated conveyor or discharge bin. Please revise Drawing 3 to show the trommel screen, air classifier, magnet and associated conveyor systems.

3. The information provided indicates that "an air classifier will not sort with 100% accuracy." The information submitted does not adequately address the Department's request. Typically, air classifiers separate shredded materials, not whole bottles. Please provide a detailed description of the process by which whole, mixed containers are separated by air classification. Please provide any references upon which this operation is based.

✓ 4. The Department is aware that several contractors/consultants may be utilized in this project. However, the Department requires complete construction drawings and specifications for permit review. The information provided is sufficient for the baler and baler feed conveyor. However, the information submitted on the "sorting system" is simply a vendor quotation. Please provide details (i.e. shop drawings, manufacturer specification sheets, etc.) for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, manufacturer expected efficiency, associated conveyor systems, air supply system, and installation details. For example, is the air classifier a horizontal or vertical type of air classifier? Is it straight-walled with continuous flow, or passive-pulsing? What is the size of the blower? What is the operation angle for the trommel? What is the speed of the trommel? Will air be used to entrain light particles for removal from the trommel? Is the magnet inclined? What is the mechanism for removing materials from the magnet? etc...

✓ 5. The information submitted indicates that "glass containers will be hand sorted from the heavy fraction conveyor line on the sorting system and placed into self dumping hoppers...[and then into] glass storage bunkers." Which conveyor line on drawing 3 is the "heavy fraction conveyor line"? Please show the "heavy fraction conveyor line" on Drawing 3 or other appropriate Drawing. After the glass is placed in the storage bunkers, how often is it removed for recycling or disposal? How is the glass removed from the bunkers?

✓ 6. The information submitted indicates that "any incidental white goods, tires, etc. will be sorted into a front load dumpster container and disposed of as appropriate, on an as-needed basis." Please specify the maximum time these materials will be stored at the site.

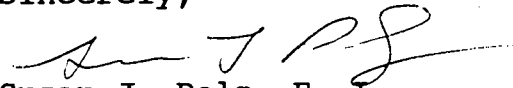
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1. The supplemental drawings submitted (Sheets 7 through 15, H1, H2, and S1) do not provide details on the fire suppression system. Please be advised that the light fixtures, Type "F", proposed for some areas of the facility, are not explosion proof and must be installed above any fire suppression sprinklers. Please be advised that a fire safety survey conducted by the local fire authorities shall be required by the Department upon completion of construction, and annually thereafter during the operation of the facility.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 17-12.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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."

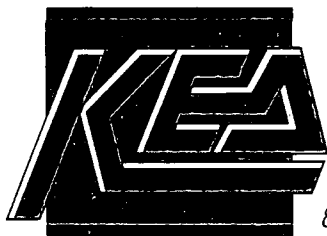
You are requested to submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

  
Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

sjp

cc: Tom O'Connor, P.E., King Engineering Associates, 8406  
Massachusetts Ave., Suite A-2, New Port Richey,  
FL 34653  
Robert Butera, P.E., FDEP Tampa



**King Engineering Associates, Inc.**

8406 Massachusetts Avenue, Suite A-2 • New Port Richey, Florida 34653 • (813) 846-0904 • Fax: (813) 846-7017

**Engineers**

**Planners**

**Scientists**

**Surveyors**

July 29, 1994

Ms. Susan Pelz, E.I.  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619

Re: Pasco County  
Material Recovery Facility  
Pending Permit No. SC51-252834

RECEIVED  
JUL 29 1994

By \_\_\_\_\_

Dear Ms. Pelz:

As stated in King Engineering Associates, Inc.'s (KEA's) letter to you dated July 26, 1994, enclosed please find for your records, six (6) signed and sealed copies of the electrical, structural and HVAC drawings for the referenced project.

Please contact me if you have any questions.

Sincerely,

Thomas M. O'Connor, P.E.  
Director of Environmental Engineering

:lm  
Encl.

cc: Robert Steinle, P.E., Pasco County Utilities, w/encl.  
Douglas Bramlett, Pasco County Utilities, w/o encl.  
File 3210-014-000 (105) MRF  
LETTERS\L214.TOC



**King Engineering Associates, Inc.**

8406 Massachusetts Avenue, Suite A-2 • New Port Richey, Florida 34653 • (813) 846-0904 • Fax: (813) 846-7017

**Engineers**

**Planners**

**Scientists**

**Surveyors**

July 26, 1994

Ms. Susan Pelz, E.I.  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619

**RECEIVED**  
JUL 27 1994

Department of Environmental Protection  
SOUTHWEST DISTRICT

BY \_\_\_\_\_

Re: Pasco County  
Material Recovery Facility  
Pending Permit No. SC51-252834

Dear Ms. Pelz:

King Engineering Associates, Inc. (KEA) and Pasco County are in receipt of your letter (attached) regarding the referenced permit application. We offer the following responses:

**Comment #1:** FAC 17-701.700(2) (a) requires a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility. The information submitted (page 2) did not estimate the monthly tonnage of residual material which will required disposal. Please provide an estimate of the residual material.

**Response:** According to Browning-Ferris Industries (BFI), the proposed operator of the facility, their experience operating 95 recycleries indicates that residue will normally be 5% by weight of the processing rate and should not exceed 10%. At normal and maximum processing rates of 15 and 30 tons per day, this would result in a residue rate between 45 and 90 tons per month. All residue will be disposed of at the Pasco County Resource Recovery Facility or the Class III landfill as appropriate.

**Comment #2:** The following items require clarification for the information submitted the Operating Procedures, Attachment B, in support of FAC 17-701.700 (2) (b):

**a:** The information submitted does not address the removal of the bags. Please describe the de-bagging operation.

**Response:** Commingled rigid containers received in bags will be debagged manually on the tipping floor. BFI's experience



with mechanical debagging has been costly and problematic. Also, manual debagging will result in less residue than a mechanical debagger.

- b: The information submitted indicates that a trommel screen will be used to remove the mixed broken glass and other small residue, and an air classifier will be used to separate light materials from heavy materials. Neither a trommel screen nor an air classifier were included in the equipment list (page 3), and neither were shown on the Floor Plan (Drawing 3). Please revise Drawing 3 to show the trommel screen, air classifier and associated conveyor systems.

Response:

Please note that the magnet, trommel screen and air classifier described in Attachment B, Normal Operating Procedures, are all contained within the integrated sorting system listed on page 3. This sorting system and its conveyor are shown on the Drawings on Sheet 3. Information on the sorting system has been provided in response to Comment 2d.

- c: Please explain how an air classifier will accurately separate whole containers when, for example, a small glass jar may with the same as a large plastic bottle.

Response:

An air classifier will not sort with 100% accuracy between material types. However, it will dramatically improve sorting efficiency. Sorters will hand remove any recyclables that are directed to their respective work station by the sorting system heavy fraction conveyor. This includes recyclables which are not properly sorted by the air classifier. Such sorting is an integral component of BFI's proprietary RecycleNOW Quality Control Program.

- d: Please provide details for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, associate conveyor systems, air supply system, and installation details.

Response:

Information on the sorting system, the baler feed conveyor and the baler is attached.

- e: The information submitted indicates that "residue will be...transferred to the landfill." However, other information



Ms. Susan Pelz, E.I.  
July 26, 1994  
Page 3

indicates that the residual will be "either converted to energy or landfilled at the Resource Recovery Facility." (page 4) Since two landfills exist at the site, please specify for which landfill (Class I ash monocell or Class III) the residual disposal is intended.

Response:

It is the County's intent to convert as much residue to energy as possible. Therefore, residue will be transferred to the Resource Recovery Facility where it will be converted to energy. The ash from this process will then be landfilled in the Class I ash cell. Segregated residue which is obviously not convertible to energy (i.e., glass, metal) will be landfilled in the Class III cell. Residue should roughly consist of the following components:

- Mixed broken glass 65%
- Bits of scrap plastic 10%
- Bits of scrap paper 10%
- Floor sweepings 5%
- Non-recyclable items 10%  
(PVC, Pyrex glass, fiberplastics, etc)

f: The information submitted indicates that the materials will be "pushed onto the baler feed conveyor by the wheel loader and...baled." Please provide specific operating procedures for glass handling, since glass is generally not baled.

Response:

Glass containers will be hand sorted from the heavy fraction conveyor line on the sorting system and placed into self-dumping hoppers. These hoppers will be dumped into outside glass storage bunkers. The bunkers floors slope inward so that any drainage flows through weep holes in the back retaining wall and into the sanitary sewer drainage sump. BFI also intends on providing a prefabricated metal roof over the glass storage bunkers. This will minimize the amount of drainage generated from the glass storage bunkers.

g: The information submitted indicates that bales will be 30" x 30" x 60". What is the expected weight of a bale for each material?



Response: The expected bale weights are approximately as follows:

- Paper 1,200 lbs.
- Corrugated Cardboard 1,200 lbs.
- Plastic 1,000 lbs.

Glass will not be baled but will be transferred to outside storage bunkers as described in the response to comment 2f.

**h: Please specify the personnel required for operations.**

Response: Facility personnel will include:

- Plant Supervisor - 1
- Receptionist/Secretary - 1
- Baler Operator - 1
- Floor Foreman - 1
- Moving Equipment Operators - 2
- Sorters - 6 to 10

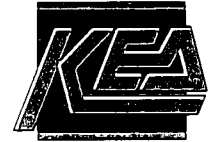
**Comment #3: The information submitted in support of FAC 17-701.700(2) (b)2. indicates that the facility will be operating one eight hour shift per day. Please specify the operating hours and days of the facility.**

Response: Facility operating hours will be 7:30 am to 5:00 pm, Monday through Friday excluding County holidays. The County may also open the facility on Saturdays or add a second or third shift if required.

**Comment #4: Please provide clarification for the information submitted in support of FAC 17-701.700(2) (c). The information describes the traffic flow of the facility. However, the traffic flow and storage areas are not clearly shown on the Floor Plan (Drawing 3). Please provide a floor plan showing the traffic flow and storage areas. Do the trucks back in the overhead doors on the north side of the building, do they turn around inside the building, or do they enter through one door and exit through another?**

Response: The floor areas adjacent to the baler and sorter feed conveyors are considered the tipping areas. Deliveries of recyclables will vary throughout the day, therefore the tipping floor will be adjusted to accommodate different loads. If required, front end loaders will redistribute the recyclables on the tipping floor in order to make





room for incoming loads. No one area of the tipping floor will be designated as a storage area, however the southern portion of the facility floor has been designated as a bale storage area. Generally, paper will always be tipped near the baler feed conveyor. Delivery vehicles will back in through the overhead doors and exit from the same door through which they entered. A general process schematic is attached.

**Comment #5:** The information submitted in support of FAC 17-701.700(2) (e) indicated that leachate sump will empty into the on-site sewer system. Please explain if the drainage (as shown on Drawing 3) from the interior of the building will also discharge to the adjacent wastewater treatment facility. The elevations for the drains are shown on Drawing 3, but the floor elevations around the building perimeter are not shown. Please indicate floor slopes required for adequate drainage.

**Response:** The floor drains proposed for the building interior will discharge into the facility sanitary sewer system which then flows to the adjacent wastewater treatment plant. As shown on Sheet 3, the highest floor drain is at elevation 49.9 with the remainder of the drains being at elevation 49.8 or lower. As shown on Sheet 5, the top of the floor slab at the perimeter of the building is at a minimum elevation of 50.0. The flow arrows on Sheet 3 indicate the directions in which the floor slopes from the top elevation of 50.0 to the respective floor drain elevations. Also, as shown on Sheet S1, a 6" high by 12" wide concrete curb will be constructed around the perimeter of the building. As previously discussed, these features provide adequate control of any potential leachate. Please note that based on their other operations, BFI does not anticipate a significant amount of leachate to be generated.

**Comment #6:** The information submitted in support of 17-701.700 (3) (b) indicates that "unacceptable materials such as white goods, tires, batteries, etc. will be segregated to an isolated area of the tipping floor. [And] these items will than be hauled off-site for proper disposal/reuse." (Attachment E, Screening Plan) How often will material be removed for "disposal/reuse"? Please estimate the quantities of each of these materials. From the information submitted, it appears that this facility is not open to the public. Please explain if white goods, tire, batteries, etc. are proposed for the facility.



**Response:** The County does not propose receiving white goods, tires, batteries, etc. at the facility and has not included such items in its contract with BFI. Such items will rarely show up in a curbside "blue bag" recycling program as instituted by the County. Any incidental white goods, tires, etc. will be sorted into a front load dumpster container and disposed of, as appropriate, on an as-needed basis. Batteries will be placed in an appropriate shipping barrel any removed by the County for recycling or proper disposal.

**Comment #7:** Please explain what "FL" and "MB" denote in the exterior glass storage area on Drawing 3.

**Response:** The designation FL stands for "flint" which is the termed used for clear glass. The designation MB stands for "mixed broken".

**Comment #8:** Drawing S1 indicates that "for locations/layout and additional details of...drains, floor slopes, sumps, equipment, etc. see "M" drawings." The Department requires complete construction drawings for permit review. Please submit "M" drawings and any other drawings required for construction of the facility.

**Response:** The reference to "M" drawings on Sheet S1 refers to Sheets 1 through 6. All of these sheets were incorporated in the original submittal package. In addition, we are currently obtaining signed and sealed copies of the electrical, HVAC and structural sheets and will be delivering them to you before the end of the week.

**Comment #9:** Drawing 3 indicates that the metal roof over the exterior glass storage area will be installed by others. Please provide details for the metal roof.

**Response:** Please note that the metal roof over the glass storage bunkers is not required but has been proposed in order to minimize the amount of stormwater entering the floor drain system. The proposed metal roof will consist of a prefabricated roof and column system from a prefabricated metal building manufacturer. The roof will be added to the side of the building by BFI. A sketch showing the proposed metal roof installation has been attached.

Ms. Susan Pelz, E.I.  
July 26, 1994  
Page 7



I hope that we have adequately addressed your concerns. Please feel free to call me with any questions.

Sincerely,

A handwritten signature in cursive script that reads "Thomas M. O'Connor".

Thomas M. O'Connor, P.E.  
Project Manager

:lm

cc: Robert Steinle, P.E., Pasco County Utilities, w/encl.  
Douglas S. Bramlett, Pasco County Utilities, w/o encl.  
Robert Sigmond, Pasco County Utilities, w/encl.  
Steven R. Shannon, Browning Ferris, w/encl.  
File 3210-014-000 (105) MRF  
LETTERS\L209J.TOC

**RECEIVED**  
JUL 27 1994  
Department of Environmental Protection  
BY \_\_\_\_\_  
SOUTHWEST DISTRICT



# Department of Environmental Protection

Lawton Chiles  
Governor

JUL 22 1994

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

KEA

Pasco County Utilities Services  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

July 19, 1994

RE: Materials Recovery Facility, Pasco County  
Pending Permit No. SC51-252834

Dear Mr. Bramlett:

This is to acknowledge receipt of your permit application, to construct a solid waste management facility, referred to as the Pasco County 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 17-701, Florida Administrative Code (F.A.C.)]:

1. FAC 17-701.700(2)(a) requires a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility. The information submitted (page 2) did not estimate the monthly tonnage of residual material which will require disposal. Please provide an estimate of the residual material.
2. The following items require clarification for the information submitted the Operating Procedures, Attachment B, in support of FAC 17-701.700(2)(b):
  - a. The information submitted does not address the removal of the bags. Please describe the de-bagging operation..

- b. The information submitted indicates that a trommel screen will be used to removed the mixed broken glass and other small residue, and an air classifier will be used to separate light materials from heavy materials. Neither a trommel screen nor an air classifier were included in the equipment list (page 3), and neither were shown on the Floor Plan (Drawing 3). Please revise Drawing 3 to show the trommel screen, air classifier and associated conveyor systems.
  - c. Please explain how an air classifier will accurately separate whole containers when, for example, a small glass jar may weigh the same as a large plastic bottle.
  - d. Please provide details for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, associated conveyor systems, air supply system, and installation details.
  - e. The information submitted indicates that "residue will be... transferred to the landfill." However, other information indicates that the residual will be "either converted to energy or landfilled at the Resource Recovery Facility." (page 4) Since two landfills exist at the site, please specify for which landfill (Class I ash monocell or Class III) the residual disposal is intended.
  - f. The information submitted indicates that the materials will be "pushed onto the baler feed conveyor by the wheel loader and... baled." Please provide specific operating procedures for glass handling, since glass is generally not baled.
  - g. The information submitted indicates that bales will be 30" x 30" x 60". What is the expected weight of a bale for each material?
  - h. Please specify the personnel required for operations.
3. The information submitted in support of FAC 17-701.700(2)(b)2. indicates that the facility will be operating one eight hour shift per day. Please specify the operating hours and days of the facility.

4. Please provide clarification for the information submitted in support of FAC 17-701.700(2)(c). The information submitted describes the traffic flow of the facility. However, the traffic flow and storage areas are not clearly shown on the Floor Plan (Drawing 3). Please provide a floor plan showing the traffic flow and storage areas. Do the trucks back in the overhead doors on the north side of the building, do they turn around inside the building, or do they enter through one door and exit through another?

5. The information submitted in support of FAC 17-701.700(2)(e) indicates that leachate sump will empty into the on-site sewer system. Please explain if the drainage (as shown on Drawing 3) from the interior of the building will also discharge to the adjacent wastewater treatment facility. The elevations for the drains are shown on Drawing 3, but the floor elevations around the building perimeter are not shown. Please indicate floor slopes required for adequate drainage.

6. The information submitted in support of 17-701.700(3)(b) indicates that "unacceptable materials such as white goods, tires, batteries, etc. will be segregated to an isolated area of the tipping floor. [And] these items will then be hauled off-site for proper disposal/reuse." (Attachment E, Screening Plan) How often will material be removed for "disposal/reuse"? Please estimate the quantities of each of these materials. From the information submitted, it appears that this facility is not open to the public. Please explain if white goods, tires, batteries, etc. are proposed for the facility.

7. Please explain what "FL" and "MB" denote in the exterior glass storage area on Drawing 3.

8. Drawing S1 indicates that "for locations/layout and additional details of... drains, floor slopes, sumps, equipment, etc., see "M" drawings." The Department requires complete construction drawings for permit review. Please submit "M" drawings and any other drawings required for construction of the facility.

9. Drawing 3 indicates that the metal roof over the exterior glass storage area will be installed by others. Please provide details for the metal roof.

The following items are for information only, and do not require an immediate response:

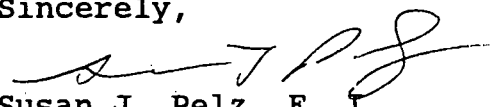
1. The financial assurance cost estimates submitted in Attachment G are acceptable. Please be advised that these estimates shall be updated annually, and submitted to the Department for review. A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. The funding of the financial assurance mechanism shall be reviewed annually by the Department to assess the facility's compliance with FAC 17-701.700(4).

2. The copy of SWFWMD permit number 409662.00 is acceptable for the construction of the facility. However, this permit expires on December 23, 1994. A copy of an operation permit or extension of the expiration date of the stormwater management system construction permit from SWFWMD shall be submitted to the Department no later than December 23, 1994.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 17-12.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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 submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

  
Susan J. Pelz, E. I.  
Solid Waste Section  
Division of Waste Management

sjp

cc: Tom O'Connor, P.E., King Engineering Associates, 8406  
Massachusetts Ave., Suite A-2, New Port Richey,  
FL 34653

Robert Butera, P.E., FDEP Tampa  
Fred Wick, FDEP Tallahassee, w/attachment



June 7, 1994 4985 FYLER AVENUE, SAINT LOUIS, MISSOURI 63139 . 314/352-6000  
FAX 314/352-0355

Mr. Wayne Crigler  
Crigler Enterprises  
748 Tenth St. N.W.  
Atlanta, Georgia 30318

PROPOSAL NO. 94300

Ref: BFI Job #711.012  
Pasco County - MRF

Dear Wayne:

As per our conversation, enclosed please find the following pricing and specifications on the comingled sort system. Please note, we are quoting you Net prices, in hopes that our prices will be attractive to BFI to give us the opportunity to install our first system such as this.

- Item #1: 30" wide x 30' long Flexwall Infeed to Trommel:  
2 HP Variable Speed Motor, hopper for pit installation
- Item #2: Overhead Electro Cross Belt Magnet complete with power supply and supports. To be located above the discharge of the infeed conveyor
- Item #3: 4'diameter x 10' long Trommel Screen with 2" diameter holes, complete with support structure, discharge chute for thru, discharge chute for overs, infeed chute
- Item #4: Air Classifier/Blower designed to separate PET and Aluminum from the glass
- Item #5 (2) 30" wide x 35' long Flat Belt Sorting Conveyor complete with mezzanines, stairs as required with rail and (5) Drop Chutes,

Also include with this will be controls, complete control panel for the above system.

The total price on this system F.O.B. Pasco, Florida would be as per above information would be

Please reference Drawing #S-132

The add on price for adding (2) Trash Discharge Conveyors to be located directly underneath sort conveyors. These would be 12" wide x 30' long would be an add on price of

Price for supervision and start-up by a Hustler Conveyor Company representative for this system would be \$200.00 per day.


Manufacturers of Heavy Duty Conveyors and Material Handling systems for steel mills, scrap processors and Foundries.



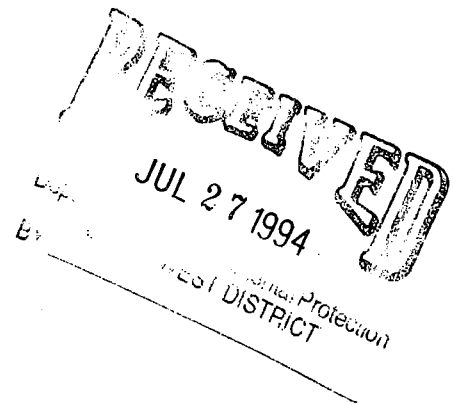


Delivery on the above equipment to be approximately 10 weeks.

Very truly yours,  
HUSTLER CONVEYOR COMPANY

  
David R. Guyton,  
Sales Manager

DG/mt





4985 FYLER AVENUE, SAINT LOUIS, MISSOURI 63139 . 314/352-6000  
FAX 314/352-0355

May 24, 1994

Mr. Wayne Crigler  
Crigler Enterprises  
748 Tenth St. N.W.  
Atlanta, Georgia 30318

PROPOSAL NO. 94264

Ref: BFI Job #711.012  
Pacso County MRF

Dear Wayne:

As per your request enclosed please find pricing and specifications on a 60" wide x 81'6" long Roller Chain Belt Conveyor to handle aluminum, news, plastics and tin cans feeding a Selco 2R1075 Baler over the side.

**DIMENSIONS:**

Belt Width: 60"  
Conveyor Length: 81'6" measured along belt path  
Belt Path Style: "S" shaped with a lower horizontal of 55' (top of belt to be 12" below grade) an incline section of 23'6" at 30 degrees and a 3' upper section declined at 10 degrees

**BELTING:** PVC350  
**Chain:** 2" wide x 1/4" thick (2) strands  
**Side Bars:** precision die punches HR1044 high carbon steel  
**Side Wings:** 4" high x 1/4" thick interlocking offset style  
**Rollers:** Single Flange: 3" diameter x 1-1/2" face  
Sintered Steel  
**Cleats:** Angle Type, 3" high on 4' centers  
**Belt Sprockets:** 6 tooth, 6" pitch, 12" pitch diameter, flame cut with hardened teeth at tail and head ends of conveyor.

**SHAFTING:** Both head and tail shafts fabricated out of C1045 steel. Shafts are mounted in heavy duty ball bearing pillow blocks with cast iron housings.

**DRIVE:** 10 HP 1800 RPM electric motor 230/460 volts - 3

Manufacturers of Heavy Duty Conveyors and Material Handling systems for steel mills, scrap processors and Foundries.



RECEIVED  
JUL 27 1994  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

phase - 60 hertz, TEFC continuous duty motor with a 1.15 s.f. and roller chain from reducer to sprocket of head shaft. This conveyor comes with an adjustable steel base for drive assembly.

APPROXIMATE CONVEYOR SPEED: 40' per minute

SPECIAL FEATURES:

Back stop and Electric Oilers, motor wired to disconnect switch, (2) push button "E" stops, extra support for 6' deep pit.

FRAME:

Heavy duty open frame construction from structural shapes and formed plate. Frame is braced and reinforced for rigidity in all planes and is completely shop fitted and welded.

Side Guards:

expanded metal provided in areas of personal access.

Side Skirts:

12" high on lower horizontal and 36" high on incline and upper sections.

Load Bars:

to limit deflection of belt under impact

PAINT:

finish coat Hustler Blue.

The total price for this conveyor supplied in Modular Form including motor, drive and all necessary guards would be Crigler Enterprises.

Option: 3/8" thick perimeter pit plates, reinforced per specifications. The additional price on these would be \$11,220.00 - Less 10% to Crigler Enterprises.

All prices are F.O.B. - Our Plant - St. Louis, Missouri.

The approximate freight rate to Pasco, Florida would be \$3400.00 Net.

Note, the above prices do not include any State, Local or Use Taxes if applicable.

Terms are 20% with an order, 70% prior to shipment, Balance Net 30 days; otherwise not later than 3 weeks after notification goods are ready for delivery.

Delivery is currently running 8 to 10 weeks after receipt of an order, down payment and approved drawing.

Please note, all electricals to be supplied by others.

All parts manufactured by Hustler Conveyor Company carry a ONE YEAR WARRANTY from date of shipment with all purchased parts and their warranties passed on to end user.

If after reviewing the enclosed you have any further questions, comments or if we may be of any additional assistance, please do not hesitate in



calling.

Very truly yours,  
HUSTLER CONVEYOR COMPANY

A handwritten signature in dark ink, appearing to read "D. R. Guyton". The signature is fluid and cursive, written over the printed name.

David R. Guyton,  
Sales Manager

DG/mt



**Harris Waste  
Management  
Group, Inc.**

# **HARRIS MODEL HRB-811N AUTOMATIC TWO-RAM BALING PRESS**

**REVISED 6/22/94**

## **PERFORMANCE**

BALE SIZE	45 IN. WIDE X 30 IN. HIGH X 62 IN. LONG (VARIABLE)
BALE VOLUME	48.4 CUBIC FEET EXPANDED (APPROXIMATE)
CYCLE TIME	75 HP 230 SECONDS ( 15 CYCLES PER HOUR ) O.C.C. 275 SECONDS ( 13 CYCLES PER HOUR ) U.B.C.
CHARGING CHAMBER VOLUME	81 CUBIC FEET

MATERIAL	BALE WEIGHT	DENSITY LBS / CU.FT. LOOSE/BALED	STANDARD 75 HP TONS / HR
BULK OCC	UP TO 1350 LBS.	3 / 28	UP TO 12
NEWS	UP TO 1500 LBS.	8 / 31	UP TO 19
PET	UP TO 1200 LBS.	1 / 25	UP TO 8
WHOLE ALUM. CANS	UP TO 1100 LBS.	2 / 21	UP TO 7
STEEL CANS	UP TO 2000 LBS.	5 / 42	UP TO 19
SOLID WASTE	UP TO 2200 LBS.	10 / 45	UP TO 24

\*PERFORMANCE RATES, BALE WEIGHTS, AND BALE DENSITIES ARE SUBJECT TO MOISTURE CONTENT, MATERIAL PRE-BALE DENSITIES, FEED RATES, AND OTHER VARIABLES IN BALING

## **HYDRAULICS**

### **MAIN PUMPS**

1 - 135 GPM AT 800 PSI (STANDARD 75 HP)  
1 - 45 GPM AT 2800 PSI (STANDARD 75 HP)

### **SYSTEM PRESSURE**

SYSTEM IS RATED AT 3000 PSI MAXIMUM, AND  
OPERATED AT 93% OF THE MAXIMUM RATING

MAIN CYLINDER  
RAM FACE PRESSURE  
EJECTOR CYLINDER  
OIL RESERVOIR  
OIL COOLER  
FILTRATION

10 IN. BORE, 110 TONS TOTAL FORCE  
183 PSI  
8 IN. BORE, 70 TONS TOTAL FORCE  
542 GALLON CAPACITY  
AIR-TO OIL EXCHANGER IS STANDARD  
10 MICRON REPLACEMENT ELEMENT FILTER

## **ELECTRICAL**

MAIN MOTOR                      STANDARD

75 HP, 460 VOLT, 3 PHASE  
10 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE  
5 HP, C - FACE, 1750 RPM, 460 VOLT, 3 PHASE  
TEFC, HIGH EFFICIENCY  
ACROSS THE LINE STARTING IS STANDARD  
UL AND CUL LISTED, NEMA 12 RATED  
AB-SLC 500 (PROG. CONTROLLER)

STRAPPER MOTOR  
COOLER MOTOR  
MOTOR TYPE

CONTROLS

# RECEIVED

JUL 27 1994

Department of Environmental Protection  
BY SOUTHWEST DISTRICT



**Harris Waste  
Management  
Group, Inc.**

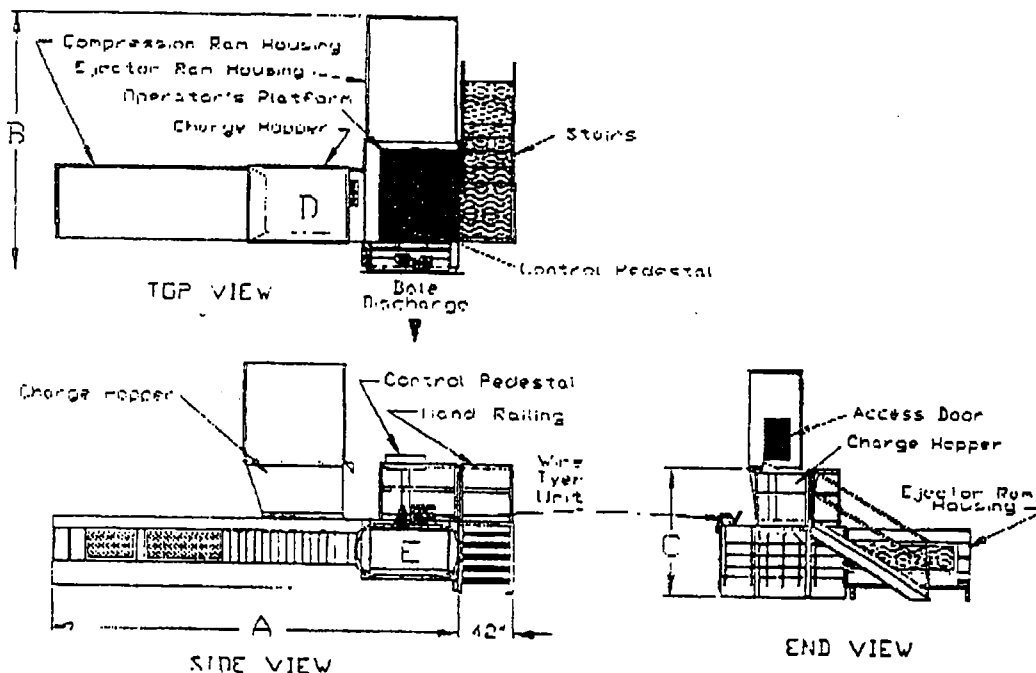
**HRB-811N**

## GENERAL SPECIFICATIONS

CHARGE BOX OPENING	40 IN. X 120 IN.
HOPPER OPENING	52 IN. X 132 IN. (STD.) - 88 IN. X 136 IN. (MAX.)
STRAPPER	U.S. WIRE TIE MODEL 341 (STANDARD) (OTHER MAJOR BRANDS AVAILABLE)
SHIPPING WEIGHT	24 TONS (APPROXIMATE)

## DIMENSIONS

A - LENGTH OVERALL	32 FT. - 6 IN.
B - WIDTH FRAME	12 FT. - 8 IN.
C - HOPPER HEIGHT	7 FT. - 10 IN.
D - HOPPER OPENING	52 IN. X 132 IN. (STD.)
E - EJECTOR OPENING	29 IN. X 58 IN.

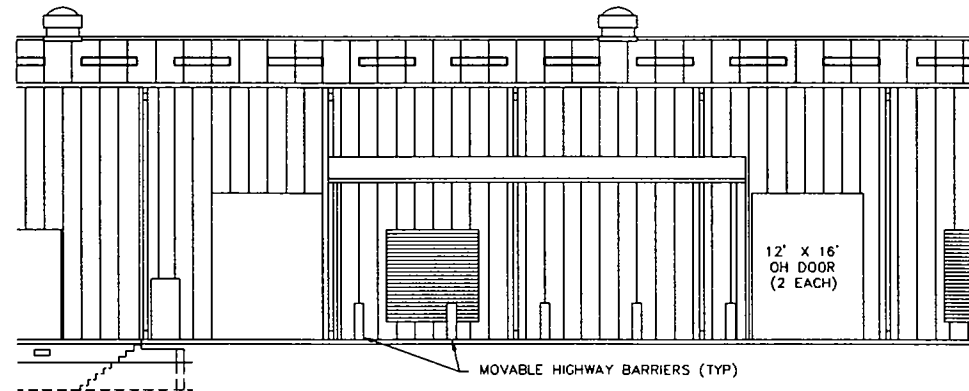


## OPTIONS

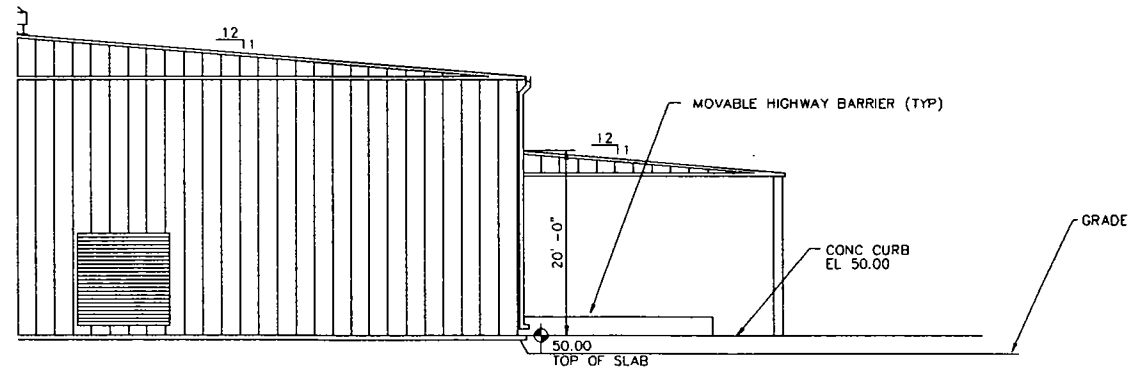
REDUCED VOLTAGE STARTING  
REMOTE POWER UNIT  
BALE RELEASE  
BALE DOOR  
OPERATOR'S CABIN  
OPERATOR'S CABIN WITH HEATING AND AIR CONDITIONING  
NON-FERROUS LINERS : BALER AND RAM

HOPPER EXTENSION  
DIVERter  
UPPER PHOTO EYES  
NAVIGATOR CONTROL SYSTEM  
NAVIGATOR PLUS CONTROL SYSTEM  
BALE RUN OUT TABLE





EAST ELEVATION



SOUTH ELEVATION

Drawing Name: C:\CAD\1\WERS\SHED\BLOC.DWG JUL/26/94 4:40pm Plot Scale: 1/2" = 1'-0"

DATE	BY	CHK	APP
7/26/94	VAT		
7/26/94			



**KING ENGINEERING ASSOCIATES, INC.**  
 Engineers • Planners • Surveyors • Scientists  
☐ 2000 West 1st St.  
 Suite 100, San Jose, CA 95128  
 (408) 281-1111  
☐ 1000 Broadway, Suite 100  
 San Francisco, CA 94103  
 (415) 398-1111  
☒ 1000 Broadway, Suite 100  
 San Francisco, CA 94103  
 (415) 398-1111

MATERIALS RECOVERY FACILITY

METAL ROOF

NO.	3210-014
DATE	MAY 1994
BY	NTS





King Engineering Associates, Inc.

Engineers

Planners

Scientists

Surveyors

# FAX TRANSMITTAL

TO: SUSAN Pelz  
AT: FDEP  
FAX NUMBER: 744-6125  
FROM: Chris Kuzler  
RE: Pasco County MRF  
DATE: 7/27/94 TIME: 8:25

COMMENTS: Final page of last night's fax. Hardcopy  
to be delivered today.

1

sheets, including Transmittal Sheet, are being faxed to you. If all sheets have not been received, please call (813) 846-0904.

HARD COPY TO FOLLOW:



Yes



No

OUR JOB NUMBER: \_\_\_\_\_

FAX COMPLETED BY: \_\_\_\_\_

## RESPONSE:

Not Necessary \_\_\_\_\_

Needed Within 24 hours \_\_\_\_\_

Needed ASAP \_\_\_\_\_

The information contained in this facsimile message is privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. Thank you.

Citrus

Hillsborough

Pasco

Pinellas



METAL ROOF

[illegible]



King Engineering Associates, Inc.

Engineers

Planners

Scientists

Surveyors

# FAX TRANSMITTAL

TO: Susan Pelz  
AT: FDEP  
FAX NUMBER: 744-6125  
FROM: Chris Kuzler  
RE: Pasco County MRF  
DATE: 7/26/94 TIME: 4:55

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



\_\_\_\_\_ sheets, including Transmittal Sheet, are being faxed to you. If all sheets have not been received, please call (813) 846-0904.

HARD COPY TO FOLLOW: ☒ Yes ☐ No

OUR JOB NUMBER: \_\_\_\_\_

FAX COMPLETED BY: \_\_\_\_\_

## RESPONSE:

Not Necessary \_\_\_\_\_  
Needed Within 24 hours \_\_\_\_\_  
Needed ASAP \_\_\_\_\_

The information contained in this facsimile message is privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. Thank you.

Citrus

Hillsborough

Pasco

Pinellas



**King Engineering Associates, Inc.**

8406 Massachusetts Avenue, Suite A-2 • New Port Richey, Florida 34653 • (813) 846-0904 • Fax: (813) 846-7017

**Engineers**

**Planners**

**Scientists**

**Surveyors**

July 26, 1994

Ms. Susan Pelz, E.I.  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619

Re: Pasco County  
Material Recovery Facility  
Pending Permit No. SC51-252834

Dear Ms. Pelz:

King Engineering Associates, Inc. (KEA) and Pasco County are in receipt of your letter (attached) regarding the referenced permit application. We offer the following responses:

**Comment #1:** FAC 17-701.700(2) (a) requires a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility. The information submitted (page 2) did not estimate the monthly tonnage of residual material which will required disposal. Please provide an estimate of the residual material.

**Response:** According to Browning-Ferris Industries (BFI), the proposed operator of the facility, their experience operating 95 recycleries indicates that residue will normally be 5% by weight of the processing rate and should not exceed 10%. At normal and maximum processing rates of 15 and 30 tons per day, this would result in a residue rate between 45 and 90 tons per month. All residue will be disposed of at the Pasco County Resource Recovery Facility or the Class III landfill as appropriate.

**Comment #2:** The following items require clarification for the information submitted the Operating Procedures, Attachment B, in support of FAC 17-701.700 (2) (b):

**a:** The information submitted does not address the removal of the bags. Please describe the de-bagging operation.

**Response:** Commingled rigid containers received in bags will be debagged manually on the tipping floor. BFI's experience

**Citrus**

**Hillsborough**

**Pasco**

**Pinellas**



with mechanical debagging has been costly and problematic. Also, manual debagging will result in less residue than a mechanical debagger.

- b: The information submitted indicates that a trommel screen will be used to remove the mixed broken glass and other small residue, and an air classifier will be used to separate light materials from heavy materials. Neither a trommel screen nor an air classifier were included in the equipment list (page 3), and neither were shown on the Floor Plan (Drawing 3). Please revise Drawing 3 to show the trommel screen, air classifier and associated conveyor systems.

Response:

Please note that the magnet, trommel screen and air classifier described in Attachment B, Normal Operating Procedures, are all contained within the integrated sorting system listed on page 3. This sorting system and its conveyor are shown on the Drawings on Sheet 3. Information on the sorting system has been provided in response to Comment 2d.

- c: Please explain how an air classifier will accurately separate whole containers when, for example, a small glass jar may with the same as a large plastic bottle.

Response:

An air classifier will not sort with 100% accuracy between material types. However, it will dramatically improve sorting efficiency. Sorters will hand remove any recyclables that are directed to their respective work station by the sorting system heavy fraction conveyor. This includes recyclables which are not properly sorted by the air classifier. Such sorting is an integral component of BFT's proprietary RecycleNOW Quality Control Program.

- d: Please provide details for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, associate conveyor systems, air supply system, and installation details.

Response:

Information on the sorting system, the baler feed conveyor and the baler is attached.

- e: The information submitted indicates that "residue will be...transferred to the landfill." However, other information



indicates that the residual will be "either converted to energy or landfilled at the Resource Recovery Facility." (page 4) Since two landfills exist at the site, please specify for which landfill (Class I ash monocell or Class III) the residual disposal is intended.

Response:

It is the County's intent to convert as much residue to energy as possible. Therefore, residue will be transferred to the Resource Recovery Facility where it will be converted to energy. The ash from this process will then be landfilled in the Class I ash cell. Segregated residue which is obviously not convertible to energy (i.e., glass, metal) will be landfilled in the Class III cell. Residue should roughly consist of the following components:

- Mixed broken glass 65%
- Bits of scrap plastic 10%
- Bits of scrap paper 10%
- Floor sweepings 5%
- Non-recyclable items 10%  
(PVC, Pyrex glass, fiberplastics, etc)

f: The information submitted indicates that the materials will be "pushed onto the baler feed conveyor by the wheel loader and...baled." Please provide specific operating procedures for glass handling, since glass is generally not baled.

Response:

Glass containers will be hand sorted from the heavy fraction conveyor line on the sorting system and placed into self-dumping hoppers. These hoppers will be dumped into outside glass storage bunkers. The bunkers floors slope inward so that any drainage flows through weep holes in the back retaining wall and into the sanitary sewer drainage sump. BFI also intends on providing a prefabricated metal roof over the glass storage bunkers. This will minimize the amount of drainage generated from the glass storage bunkers.

g: The information submitted indicates that bales will be 30" x 30" x 60". What is the expected weight of a bale for each material?



**Response:** The expected bale weights are approximately as follows:

- Paper 1,200 lbs.
- Corrugated Cardboard 1,200 lbs.
- Plastic 1,000 lbs.

Glass will not be baled but will be transferred to outside storage bunkers as described in the response to comment 2f.

**h:** Please specify the personnel required for operations.

**Response:** Facility personnel will include:

- Plant Supervisor - 1
- Receptionist/Secretary - 1
- Baler Operator - 1
- Floor Foreman - 1
- Moving Equipment Operators - 2
- Sorters - 6 to 10

**Comment #3:** The information submitted in support of FAC 17-701.700(2) (b)2. indicates that the facility will be operating one eight hour shift per day. Please specify the operating hours and days of the facility.

**Response:** Facility operating hours will be 7:30 am to 5:00 pm, Monday through Friday excluding County holidays. The County may also open the facility on Saturdays or add a second or third shift if required.

**Comment #4:** Please provide clarification for the information submitted in support of FAC 17-701.700(2) (c). The information describes the traffic flow of the facility. However, the traffic flow and storage areas are not clearly shown on the Floor Plan (Drawing 3). Please provide a floor plan showing the traffic flow and storage areas. Do the trucks back in the overhead doors on the north side of the building, do they turn around inside the building, or do they enter through one door and exit through another?

**Response:** The floor areas adjacent to the baler and sorter feed conveyors are considered the tipping areas. Deliveries of recyclables will vary throughout the day, therefore the tipping floor will be adjusted to accommodate different loads. If required, front end loaders will redistribute the recyclables on the tipping floor in order to make



room for incoming loads. No one area of the tipping floor will be designated as a storage area, however the southern portion of the facility floor has been designated as a bale storage area. Generally, paper will always be tipped near the baler feed conveyor. Delivery vehicles will back in through the overhead doors and exit from the same door through which they entered. A general process schematic is attached.

**Comment #5:**

The information submitted in support of FAC 17-701.700(2) (e) indicated that leachate sump will empty into the on-site sewer system. Please explain if the drainage (as shown on Drawing 3) from the interior of the building will also discharge to the adjacent wastewater treatment facility. The elevations for the drains are shown on Drawing 3, but the floor elevations around the building perimeter are not shown. Please indicate floor slopes required for adequate drainage.

**Response:**

The floor drains proposed for the building interior will discharge into the facility sanitary sewer system which then flows to the adjacent wastewater treatment plant. As shown on Sheet 3, the highest floor drain is at elevation 49.9 with the remainder of the drains being at elevation 49.8 or lower. As shown on Sheet 5, the top of the floor slab at the perimeter of the building is at a minimum elevation of 50.0. The flow arrows on Sheet 3 indicate the directions in which the floor slopes from the top elevation of 50.0 to the respective floor drain elevations. Also, as shown on Sheet S1, a 6" high by 12" wide concrete curb will be constructed around the perimeter of the building. As previously discussed, these features provide adequate control of any potential leachate. Please note that based on their other operations, BFI does not anticipate a significant amount of leachate to be generated.

**Comment #6:**

The information submitted in support of 17-701.700 (3) (b) indicates that "unacceptable materials such as white goods, tires, batteries, etc. will be segregated to an isolated area of the tipping floor. [And] these items will then be hauled off-site for proper disposal/reuse." (Attachment E, Screening Plan) How often will material be removed for "disposal/reuse"? Please estimate the quantities of each of these materials. From the information submitted, it appears that this facility is not open to the public. Please explain if white goods, tire, batteries, etc. are proposed for the facility.





- Response:** The County does not propose receiving white goods, tires, batteries, etc. at the facility and has not included such items in its contract with BFI. Such items will rarely show up in a curbside "blue bag" recycling program as instituted by the County. Any incidental white goods, tires, etc. will be sorted into a front load dumpster container and disposed of, as appropriate, on an as-needed basis. Batteries will be placed in an appropriate shipping barrel any removed by the County for recycling or proper disposal.
- Comment #7:** Please explain what "FL" and "MB" denote in the exterior glass storage area on Drawing 3.
- Response:** The designation FL stands for "flint" which is the termed used for clear glass. The designation MB stands for "mixed broken".
- Comment #8:** Drawing S1 indicates that "for locations/layout and additional details of...drains, floor slopes, sumps, equipment, etc. see "M" drawings." The Department requires complete construction drawings for permit review. Please submit "M" drawings and any other drawings required for construction of the facility.
- Response:** The reference to "M" drawings on Sheet S1 refers to Sheets 1 through 6. All of these sheets were incorporated in the original submittal package. In addition, we are currently obtaining signed and sealed copies of the electrical, HVAC and structural sheets and will be delivering them to you before the end of the week.
- Comment #9:** Drawing 3 indicates that the metal roof over the exterior glass storage area will be installed by others. Please provide details for the metal roof.
- Response:** Please note that the metal roof over the glass storage bunkers is not required but has been proposed in order to minimize the amount of stormwater entering the floor drain system. The proposed metal roof will consist of a prefabricated roof and column system from a prefabricated metal building manufacturer. The roof will be added to the side of the building by BFI. A sketch showing the proposed metal roof installation has been attached.

Ms. Susan Pelz, E.I.

July 26, 1994

Page 7



I hope that we have adequately addressed your concerns. Please feel free to call me with any questions.

Sincerely,

*Thomas M. O'Connor*

Thomas M. O'Connor, P.E.  
Project Manager

:lm

cc: Robert Steinle, P.E., Pasco County Utilities, w/encl.  
Douglas S. Bramlett, Pasco County Utilities, w/o encl.  
Robert Sigmond, Pasco County Utilities, w/encl.  
Steven R. Shannon, Browning Ferris, w/encl.  
File 3210-014-000 (105) MRF  
LETTERS\2091.TOC



June 7, 1994 4985 FYLER AVENUE, SAINT LOUIS, MISSOURI 63139 . 314/382-8000  
FAX 314/382-0358

Mr. Wayne Crigler  
Crigler Enterprises  
748 Tenth St. N.W.  
Atlanta, Georgia 30318

PROPOSAL NO. 94300

Ref: BFI Job #711.012  
Pasco County - MRF

Dear Wayne:

As per our conversation, enclosed please find the following pricing and specifications on the comingled sort system. Please note, we are quoting you Net prices, in hopes that our prices will be attractive to BFI to give us the opportunity to install our first system such as this.

- Item #1: 30" wide x 30' long Flexwall Infeed to Trommel:  
2 HP Variable Speed Motor, hopper for pit installation
- Item #2: Overhead Electro Cross Belt Magnet complete with power supply and supports. To be located above the discharge of the infeed conveyor
- Item #3: 4'diameter x 10' long Trommel Screen with 2" diameter holes, complete with support structure, discharge chute for thrus, discharge chute for overs, infeed chute
- Item #4: Air Classifier/Blower designed to separate PET and Aluminum from the glass
- Item #5 (2) 30" wide x 35' long Flat Belt Sorting Conveyor complete with mezzanines, stairs as required with rail and (5) Drop Chutes,

Also include with this will be controls, complete control panel for the above system.

The total price on this system F.O.B. Pasco, Florida would be as per above information would be

Please reference Drawing #S-132

The add on price for adding (2) Trash Discharge Conveyors to be located directly underneath sort conveyors. These would be 12" wide x 30' long would be an add on price of

Price for supervision and start-up by a Hustler Conveyor Company representative for this system would be \$200.00 per day.

Manufacturers of Heavy Duty Conveyors and Material Handling systems for steel mills, scrap processors and Foundries.



Delivery on the above equipment to be approximately 10 weeks.

Very truly yours,  
HUSTLER CONVEYOR COMPANY

  
David R. Guyton,  
Sales Manager

DG/mt



4985 FYLER AVENUE, SAINT LOUIS, MISSOURI 63139 . 314/352-8000  
FAX 314/352-0355

May 24, 1994

PROPOSAL NO. 94264

Mr. Wayne Crigler  
Crigler Enterprises  
748 Tenth St. N.W.  
Atlanta, Georgia 30318

Ref: BFI Job #711.012  
Pacso County MRF

Dear Wayne:

As per your request enclosed please find pricing and specifications on a 60" wide x 81'6" long Roller Chain Belt Conveyor to handle aluminum, news, plastics and tin cans feeding a Selco 2R1075 Baler over the side.

**DIMENSIONS:**

Belt Width:	60"
Conveyor Length:	81'6" measured along belt path
Belt Path Style:	"S" shaped with a lower horizontal of 55' (top of belt to be 12" below grade) an incline section of 23'6" at 30 degrees and a 3' upper section declined at 10 degrees
<b>BELTING:</b>	PVC350
Chain:	2" wide x 1/4" thick (2) strands
Side Bars:	precision die punches HR1044 high carbon steel
Side Wings:	4" high x 1/4" thick interlocking offset style
Rollers:	Single Flange: 3" diameter x 1-1/2" face Sintered Steel
Cleats:	Angle Type, 3" high on 4' centers
Belt Sprockets:	6 tooth, 6" pitch, 12" pitch diameter, flame cut with hardened teeth at tail and head ends of conveyor.

**SHAFTING:** Both head and tail shafts fabricated out of C1045 steel. Shafts are mounted in heavy duty ball bearing pillow blocks with cast iron housings.

**DRIVE:** 10 HP 1800 RPM electric motor 230/460 volts - 3

Manufacturers of Heavy Duty Conveyors and Material Handling systems for steel mills, scrap processors and Foundries.



phase - 60 hertz, TEFC continuous duty motor with a 1.15 s.f. and roller chain from reducer to sprocket of head shaft. This conveyor comes with an adjustable steel base for drive assembly.

APPROXIMATE CONVEYOR SPEED: 40' per minute

**SPECIAL FEATURES:**

Back stop and Electric Oilers, motor wired to disconnect switch, (2) push button "E" stops, extra support for 6' deep pit.

**FRAME:**

Heavy duty open frame construction from structural shapes and formed plate. Frame is braced and reinforced for rigidity in all planes and is completely shop fitted and welded.

**Side Guards:**

expanded metal provided in areas of personal access.

**Side Skirts:**

12" high on lower horizontal and 36" high on incline and upper sections.

**Load Bars:**

to limit deflection of belt under impact

**PAINT:**

finish coat Hustler Blue.

The total price for this conveyor supplied in Modular Form including motor, drive and all necessary guards would be Crigler Enterprises.

Option: 3/8" thick perimeter pit plates, reinforced per specifications. The additional price on these would be \$11,220.00 - Less 10% to Crigler Enterprises.

All prices are F.O.B. - Our Plant - St. Louis, Missouri.

The approximate freight rate to Pasco, Florida would be \$3400.00 Net.

Note, the above prices do not include any State, Local or Use Taxes if applicable.

Terms are 20% with an order, 70% prior to shipment, Balance Net 30 days; otherwise not later than 3 weeks after notification goods are ready for delivery.

Delivery is currently running 8 to 10 weeks after receipt of an order, down payment and approved drawing.

Please note, all electricals to be supplied by others.

All parts manufactured by Hustler Conveyor Company carry a ONE YEAR WARRANTY from date of shipment with all purchased parts and their warranties passed on to end user.

If after reviewing the enclosed you have any further questions, comments or if we may be of any additional assistance, please do not hesitate in



calling.

Very truly yours,  
HUSTLER CONVEYOR COMPANY

  
David R. Guyton,  
Sales Manager

DG/mt



**Harris Waste  
Management  
Group, Inc.**

# **HARRIS MODEL HRB-811N AUTOMATIC TWO-RAM BALING PRESS**

**REVISED 6/22/94**

## **\*PERFORMANCE**

<b>BALE SIZE</b>	<b>45 IN. WIDE x 30 IN. HIGH x 62 IN. LONG (VARIABLE)</b>
<b>BALE VOLUME</b>	<b>48.4 CUBIC FEET EXPANDED (APPROXIMATE)</b>
<b>CYCLE TIME</b>	<b>75 HP</b>
	<b>230 SECONDS ( 15 CYCLES PER HOUR ) O.C.G.</b>
	<b>275 SECONDS ( 13 CYCLES PER HOUR ) U.B.C.</b>
<b>CHARGING CHAMBER VOLUME</b>	<b>81 CUBIC FEET</b>

MATERIAL	BALE WEIGHT	DENSITY LBS / CU.FT. LOOSE/BALED	STANDARD 75 HP TONS / HR
BULK OCC	UP TO 1350 LBS.	3 / 28	UP TO 12
NEWS	UP TO 1500 LBS.	8 / 31	UP TO 19
PET	UP TO 1200 LBS.	1 / 25	UP TO 6
WHOLE ALUM. CANS	UP TO 1100 LBS.	2 / 21	UP TO 7
STEEL CANS	UP TO 2000 LBS.	5 / 42	UP TO 19
SOLID WASTE	UP TO 2200 LBS.	10 / 45	UP TO 24

\*PERFORMANCE RATED, BALE WEIGHTS, AND BALE DENSITIES ARE SUBJECT TO MOISTURE CONTENT, MATERIAL PRE-BALE DENSITIES, FEED RATE, AND OTHER VARIABLES IN BALEING.

## **HYDRAULICS**

### **MAIN PUMPS**

1 - 135 GPM AT 800 PSI (STANDARD 75 HP)  
1 - 45 GPM AT 2800 PSI (STANDARD 75 HP)

### **SYSTEM PRESSURE**

SYSTEM IS RATED AT 3000 PSI MAXIMUM, AND  
OPERATED AT 93% OF THE MAXIMUM RATING

### **MAIN CYLINDER**

10 IN. BORE, 110 TONS TOTAL FORCE

### **RAM FACE PRESSURE**

183 PSI

### **EJECTOR CYLINDER**

8 IN. BORE, 70 TONS TOTAL FORCE

### **OIL RESERVOIR**

542 GALLON CAPACITY

### **OIL COOLER**

AIR-TO OIL EXCHANGER IS STANDARD

### **FILTRATION**

10 MICRON REPLACEMENT ELEMENT FILTER

## **ELECTRICAL**

### **MAIN MOTOR**

STANDARD

75 HP, 480 VOLT, 3 PHASE

### **STRAPPER MOTOR**

10 HP, C - FACE, 1750 RPM, 480 VOLT, 3 PHASE

### **COOLER MOTOR**

5 HP, C - FACE, 1750 RPM, 480 VOLT, 3 PHASE

### **MOTOR TYPE**

TEFC, HIGH EFFICIENCY

### **CONTROLS**

ACROSS THE LINE STARTING IS STANDARD

UL AND CUL LISTED, NEMA 12 RATED

AB-8LC 500 (PROG. CONTROLLER)





**Harry Waste  
Management  
Group, Inc.**

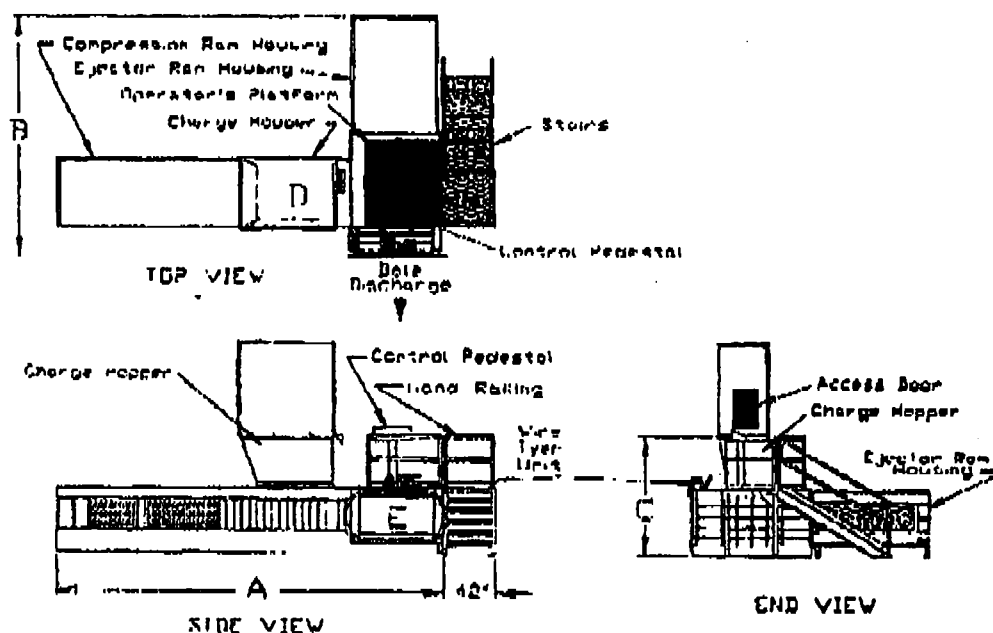
## HRB-811N

### GENERAL SPECIFICATIONS

CHARGE BOX OPENING	40 IN. X 120 IN.
HOPPER OPENING	52 IN. X 132 IN. (STD.) - 88 IN. X 138 IN. (MAX.)
STRAPPER	U.S. WIRE TIE MODEL 341 (STANDARD) (OTHER MAJOR BRANDS AVAILABLE)
SHIPPING WEIGHT	24 TONS (APPROXIMATE)

### DIMENSIONS

A - LENGTH OVERALL	32 FT. - 8 IN.
B - WIDTH FRAME	12 FT. - 8 IN.
C - HOPPER HEIGHT	7 FT. - 10 IN.
D - HOPPER OPENING	52 IN. X 132 IN. (STD.)
E - EJECTOR OPENING	29 IN. X 58 IN.



### OPTIONS

REDUCED VOLTAGE STARTING	HOPPER EXTENSION
REMOTE POWER UNIT	DIVERTER
BALE RELEASE	UPPER PHOTO EYES
BALE DOOR	NAVIGATOR CONTROL SYSTEM
OPERATORS CABIN	NAVIGATOR PLUS CONTROL SYSTEM
OPERATORS CABIN WITH HEATING AND AIR CONDITIONING	BALE RUN OUT TABLE
NON-FERROUS LINERS : BALER AND RAM	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.





Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619  
813-744-6100

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL SHEET

7/21/94  
Date

**FAXED**  
459p

TO: Tom O'Connor / Chris Cuzler

Phone: 813-846-0904

Fax: 813-846-7017

FROM: Susan Ruiz

Phone: (813) 744-6100 ext 386

Fax: (813) 744-6125

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET 5

SUBJECT: PASCO Co MRF - incompleteness letter  
(hand copy to follow via mail)



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Pasco County Utilities Services  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

July 19, 1994

RE: Materials Recovery Facility, Pasco County  
Pending Permit No. SC51-252834

Dear Mr. Bramlett:

This is to acknowledge receipt of your permit application, to construct a solid waste management facility, referred to as the Pasco County 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 17-701, Florida Administrative Code (F.A.C.)]:

1. FAC 17-701.700(2)(a) requires a description of the solid waste that is proposed to be collected, stored, processed or disposed of by the facility. The information submitted (page 2) did not estimate the monthly tonnage of residual material which will require disposal. Please provide an estimate of the residual material.

2. The following items require clarification for the information submitted the Operating Procedures, Attachment B, in support of FAC 17-701.700(2)(b):

a. The information submitted does not address the removal of the bags. Please describe the de-bagging operation.

OK  
7/26  
bags disposed  
of as part  
of residual?

OK 7/26  
b. The information submitted indicates that a trommel screen will be used to removed the mixed broken glass and other small residue, and an air classifier will be used to separate light materials from heavy materials. Neither a trommel screen nor an air classifier were included in the equipment list (page 3), and neither were shown on the Floor Plan (Drawing 3). Please revise Drawing 3 to show the trommel screen, air classifier and associated conveyor systems.

baler ok  
AC & trommel - NO  
c. Please explain how an air classifier will accurately separate whole containers when, for example, a small glass jar may weigh the same as a large plastic bottle.

d. Please provide details for all equipment, i.e., magnet, air classifier, trommel, including size, capacity, associated conveyor systems, air supply system, and installation details.

e. The information submitted indicates that "residue will be... transferred to the landfill." However, other information indicates that the residual will be "either converted to energy or landfilled at the Resource Recovery Facility." (page 4) Since two landfills exist at the site, please specify for which landfill (Class I ash monocell or Class III) the residual disposal is intended.

f. The information submitted indicates that the materials will be "pushed onto the baler feed conveyor by the wheel loader and... baled." Please provide specific operating procedures for glass handling, since glass is generally not baled.

OK 7/26  
g. The information submitted indicates that bales will be 30" x 30" x 60". What is the expected weight of a bale for each material?

OK 7/26  
h. Please specify the personnel required for operations.

OK 7/26  
i. The information submitted in support of FAC 17-701.700(2)(b)2. indicates that the facility will be operating one eight hour shift per day. Please specify the operating hours and days of the facility.

OK 7/26  
4. Please provide clarification for the information submitted in support of FAC 17-701.700(2)(c). The information submitted describes the traffic flow of the facility. However, the traffic flow and storage areas are not clearly shown on the Floor Plan (Drawing 3). Please provide a floor plan showing the traffic flow and storage areas. Do the trucks back in the overhead doors on the north side of the building, do they turn around inside the building, or do they enter through one door and exit through another?

OK 7/26  
5. The information submitted in support of FAC 17-701.700(2)(e) indicates that leachate sump will empty into the on-site sewer system. Please explain if the drainage (as shown on Drawing 3) from the interior of the building will also discharge to the adjacent wastewater treatment facility. The elevations for the drains are shown on Drawing 3, but the floor elevations around the building perimeter are not shown. Please indicate floor slopes required for adequate drainage.

OK 7/26  
6. The information submitted in support of 17-701.700(3)(b) indicates that "unacceptable materials such as white goods, tires, batteries, etc. will be segregated to an isolated area of the tipping floor. [And] these items will <sup>then</sup> be hauled off-site for proper disposal/reuse." (Attachment E, Screening Plan) How often will material be removed for "disposal/reuse"? Please estimate the quantities of each of these materials. From the information submitted, it appears that this facility is not open to the public. Please explain if white goods, tires, batteries, etc. are proposed for the facility.

OK 7/26  
7. Please explain what "FL" and "MB" denote in the exterior glass storage area on Drawing 3.

OK 7/26  
8. Drawing S1 indicates that "for locations/layout and additional details of... drains, floor slopes, sumps, equipment, etc., see "M" drawings." The Department requires complete construction drawings for permit review. Please submit "M" drawings and any other drawings required for construction of the facility.

OK 7/26  
9. Drawing 3 indicates that the metal roof over the exterior glass storage area will be installed by others. Please provide details for the metal roof.

The following items are for information only, and do not require an immediate response:

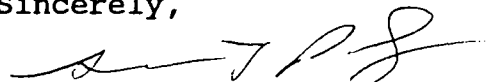
1. The financial assurance cost estimates submitted in Attachment G are acceptable. Please be advised that these estimates shall be updated annually, and submitted to the Department for review. A copy of these estimates will be forwarded to Mr. Fred Wick, Solid Waste Section, FDEP, 2600 Blair Stone Road, Tallahassee, Florida 32399-2407. The funding of the financial assurance mechanism shall be reviewed annually by the Department to assess the facility's compliance with FAC 17-701.700(4).

2. The copy of SWFWMD permit number 409662.00 is acceptable for the construction of the facility. However, this permit expires on December 23, 1994. A copy of an operation permit or extension of the expiration date of the stormwater management system construction permit from SWFWMD shall be submitted to the Department no later than December 23, 1994.

"NOTICE! Pursuant to the provisions of Section 120.600, F.S. and Chapter 17-12.070(5), F.A.C., if the Department does not receive a complete response to this request for information within 30 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 the date of this letter, responding to all of the information requests 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 a 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 submit your response to this letter together, as one complete package. If there are points which must be discussed and resolved, please contact me at (813) 744-6100 ext. 386.

Sincerely,

  
Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

sjp

cc: Tom O'Connor, P.E., King Engineering Associates, 8406  
Massachusetts Ave., Suite A-2, New Port Richey,  
FL 34653

Robert Butera, P.E., FDEP Tampa  
Fred Wick, FDEP Tallahassee, w/attachment



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

Pasco County Utilities Services  
Mr. Douglas Bramlett, Assistant County Administrator  
7536 State Street  
New Port Richey, FL 34654

July 19, 1994

RE: Materials Recovery Facility, Pasco County  
Pending Permit No. SC51-252834

Steve <sup>BOOK 6000</sup> 7/19

Bob KB  
Day 30 is tomorrow

Dear Mr. Bramlett:

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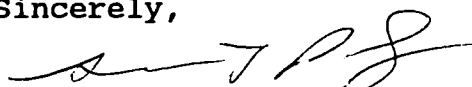
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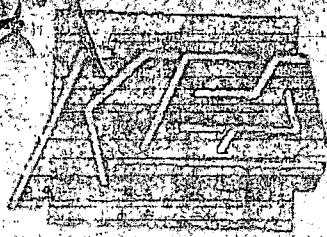
Sincerely,

  
Susan J. Pelz, E. I  
Solid Waste Section  
Division of Waste Management

sjp

cc: Tom O'Connor, P.E., King Engineering Associates, 8406  
Massachusetts Ave., Suite A-2, New Port Richey,  
FL 34653

Robert Butera, P.E., FDEP Tampa  
Fred Wick, FDEP Tallahassee, w/attachment



King Engineering Associates, Inc.

D.E.P.

JUN 30 1994

WEST DISTRICT  
TAMPA

Engineers

Planners

Scientists

Surveyors

## FAX TRANSMITTAL

TO:

SUSAN Polz

ATTN:

FREP

FAX NUMBER:

FROM:

Chris Kuder

REF:

Pasco County MRF

DATE:

6/29/94

TIME:

2:00

COMMENTS:

SUSAN IN CASE you haven't received this letter yet.

[4] sheets, including Transmittal Sheet, are being faxed to you. If all sheets have not been received, please call (813) 896-0909.

HARD COPY TO FOLLOW

Yes

No

COP: FOR NUMBER:

FAX CONFIDENTIALITY:

RESPONSE:

Not Necessary  
Needed Within 24 hours  
Needed ASAP

The information contained in this facsimile message is privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. Thank you.



## PASCO COUNTY, FLORIDA

DADE CITY (904) 821-4374  
 NEW PORT RICHEY (813) 847-8145

UTILITIES SERVICES BRANCH  
 PASCO COUNTY GOVT. COMPLEX  
 7536 STATE STREET  
 NEW PORT RICHEY FL 34654

June 24, 1984

Mr. Richard D. Garrity, Ph.D.  
 Director of District Management  
 Southwest District  
 Florida Department of  
 Environmental Protection  
 3804 Coconut Palm Drive  
 Tampa, FL 33619-8318

RE: DEP PERMIT APPLICATION (Exemption)  
 (Material Recovery Facility)  
 St. Petersburg Times, Tampa Tribune - Pasco Section

Dear Dr. Garrity:

Pursuant to the Notice of Application, enclosed please find the original Proofs of Publications for the above-referenced project, as required by Chapter 17-103.150, Florida Administrative Code.

We request issuance of the exemption as soon as the 14 days to file petitions has elapsed, so that we may proceed with this project.

Your assistance is appreciated and if you have any questions, please do not hesitate to contact me at the above-listed telephone number.

Sincerely,

*Douglas B. Bramlett*  
 Douglas B. Bramlett  
 Assistant County Administrator  
 (Utilities Services)

DSB/nvy

Enclosure

cc: Joseph A. Arato, P.E., Florida Department of Environmental Protection,  
 3804 Coconut Palm Drive, Tampa, FL 33619-8318

Robert C. Steadle, P.E., Utilities Construction and Contract Management  
Director  
Robert J. Metz, Utilities Operations and Maintenance Director  
Scott Berge, Civil Engineering Technician

STATE OF FLORIDA  
COUNTY OF PASCO

Port Richey, Pasco County, Florida

Before the undersigned authority personally appeared Les Mihailov  
who on oath says that he is Legal Clerk  
of the Pasco Times  
a daily newspaper published at Port Richey, in Pasco County, Florida; that the  
attached copy of advertisement, being a Legal Notice  
in the matter RE: Notice of Application

was published in said newspaper in the issues of June 24, 1985 Court

Affiant further says the said Pasco Times is a newspaper  
published at Port Richey, in said Pasco County, Florida, and that the said newspa-  
per has heretofore been continuously published in said Pasco County, Florida,  
each day and has been entered as second class mail matter at the post office in  
New Port Richey, in said Pasco 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 corpora-  
tion any discount, rebate, commission, or refund for the purpose of securing  
this advertisement for publication in the said newspaper.

Sworn to and subscribed before

me this 24th day of

June, A.D. 1985

BEAL Notary Public

My commission expires

NOTARY PUBLIC STATE OF FLORIDA  
COMMISSION END JUNE 28, 1985  
BONDED TWO THOUSAND DOLLARS

State of Florida  
Department of  
Environmental Protection

Notice of Application

The Department announces  
in reply to an application for  
permit from Pasco County  
Utilities Construction and  
Contract Management De-  
partment, for the construc-  
tion of a Materials Recovery  
Facility (MRF) located at  
a site located at 14225 Hayes  
Road, Spring Hill, FL 34610,  
Pasco County, Florida.

This application is being pro-  
cessed and is available for  
public inspection during nor-  
mal business hours, 8:00 a.m.  
to 5:00 p.m. Monday through  
Friday, except legal holi-  
days at the Department of  
Environmental Protection,  
Southwest District Office,  
2604 Coconut Palm Drive,  
Tampa, Florida 33610-4318.  
(813)252-4724

C.E. 502-19 2



# PASCO COUNTY, FLORIDA

DADE CITY (904) 521-4274  
NEW PORT RICHEY (813) 847-8145

UTILITIES SERVICES BRANCH  
PASCO COUNTY GOVT. COMPLEX  
7536 STATE STREET  
NEW PORT RICHEY, FL 34654

**RECEIVED**  
JUN 29 1994  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

June 24, 1994

Mr. Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District  
Florida Department of  
Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

*solid waste*

RE: DEP PERMIT APPLICATION (Exemption)  
(Material Recovery Facility)  
St. Petersburg Times; Tampa Tribune - Pasco Section

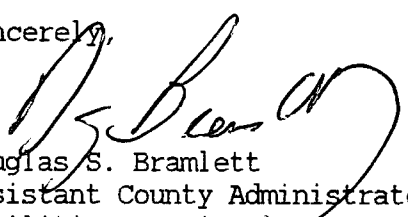
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Your assistance is appreciated and if you have any questions, please do not hesitate to contact me at the above-listed telephone number.

Sincerely,

  
Douglas S. Bramlett  
Assistant County Administrator  
(Utilities Services)

DSB/mvv

Enclosure

cc: Joseph A. Amato, P.E., Florida Department of Environmental Protection,  
3804 Coconut Palm Drive, Tampa, FL 33619-8318



Robert C. Steinle, P.E., Utilities Construction and Contract Management  
Director

Robert J. Tietz, Utilities Operations and Maintenance Director

Scott Berge, Civil Engineering Technician

STATE OF FLORIDA } S.S.  
COUNTY OF PASCO }

**pasco times**  
Published Daily  
Port Richey, Pasco County, Florida

Before the undersigned authority personally appeared Lea Mihatov  
who on oath says that he is Legal Clerk  
of the Pasco Times  
a daily newspaper published at Port Richey, in Pasco County, Florida: that the  
attached copy of advertisement, being a Legal Notice  
in the matter RE: Notice of Application

\_\_\_\_\_ in the \_\_\_\_\_ Court  
was published in said newspaper in the issues of June 24, 1994

Affiant further says the said Pasco Times is a newspaper  
published at Port Richey, in said Pasco County, Florida, and that the said newspa-  
per has heretofore been continuously published in said Pasco County, Florida,  
each day and has been entered as second class mail matter at the post office in  
New Port Richey, in said Pasco 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 corpora-  
tion any discount, rebate, commission or refund for the purpose of securing  
this advertisement for publication in the said newspaper.

Sworn to and subscribed before  
me this 24 day of June, 1994

Lea Mihatov  
Legal Clerk

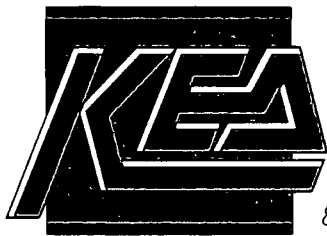
SEAL 9 Notary Public  
My commission expires 1995  
NOTARY PUBLIC STATE OF FLORIDA  
MY COMMISSION EXP JUNE 26, 1995  
BONDED THRU GENERAL INS. UND. 19

State of Florida  
Department of  
Environmental Protection

Notice of Application

The Department announces receipt of an application for permit from Pasco County, Utilities Construction and Contract Management Department, for the construction of a Materials Recovery Facility (approximately 4.2 acres) subject to Department rules, located at 14220 Hayes Road, Spring Hill, FL 34610, Pasco 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 (941730624) 6/24 [PA]



**King Engineering Associates, Inc.**

8406 Massachusetts Avenue, Suite A-2 • New Port Richey, Florida 34653 • (813) 846-0904 • Fax: (813) 846-7017

**Engineers**

**Planners**

**Scientists**

**Surveyors**

June 21, 1994

Ms. Susan Pelz, E.I.  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619-8318

Re: Pasco County  
Materials Recovery Facility  
Construction Permit Application

Dear Ms. Pelz:

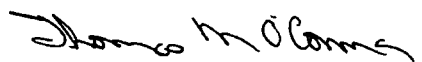
Enclosed please find six (6) copies of the referenced permit application along with supporting material and a check for the required processing fee of \$2000.00.

The County is currently publishing a Notice of Application and will provide the FDEP with a proof of publication in the near future. Please note that the County requests the FDEP, upon reviewing this permit application package, to issue a permit exemption for the referenced facility.

As we discussed at our pre-application meeting held on May 24th, 1994, the lighting proposed will be arranged so that it is above the sprinkler system. This approach will eliminate the need for explosion-proof lighting.

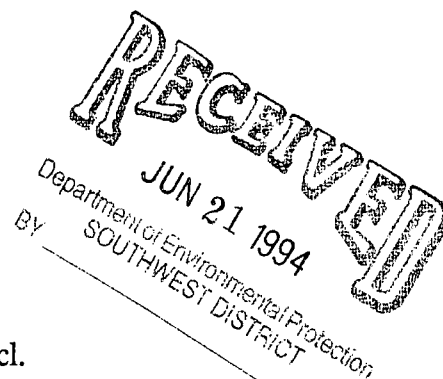
Please feel free to call me with any questions.

Sincerely,

  
Thomas M. O'Connor, P.E.  
Project Manager

:dlh  
Encl.

cc: Robert Steinle, P.E., Pasco County Utilities, w/o encl.  
Douglas Bramlett, Pasco County Utilities, w/encl.  
File 3210-014-000.105 MRF  
(Letters)LL126.TOC



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: Pasco County Materials Recovery Facility

5. DER ID number: \_\_\_\_\_ County: Pasco

6. Facility location (main entrance): 14220 Hays Road  
Spring Hills, FL 34610

7. Location coordinates:

Section: 25 Township: 24S Range: 17E

UTMs: Zone \_\_\_\_\_ km E \_\_\_\_\_ km N

Latitude: 28 ° 21 ' 45 " Longitude: 82 ° 33 ' 45 "

8. Applicant name (operating authority): Pasco County

Mailing address: 7536 State Street, New Port Richey, FL 34654  
Street or P.O. Box City State Zip

Contact person: Douglas Bramlett Telephone: (813) 847-8145  
Assistant County Administrator  
Title: Utilities Service Branch

9. Authorized agent/Consultant: King Engineering Associates, Inc.  
Mailing address: 8406 Massachusetts Avenue, Suite A-2, New Port Richey, FL 34653  
Street or P.O. Box City State Zip  
Contact person: Thomas O'Connor Telephone: (813) 846-0904  
Title: Director of Environmental Engineering
10. Landowner(if different than applicant): \_\_\_\_\_  
Mailing address: \_\_\_\_\_  
Street or P.O. Box City State Zip  
Contact person: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_
11. Cities, towns and areas to be served: Pasco County  
\_\_\_\_\_
12. Population to be served:  
Current: 301,346 Five-Year Projection: 326,620
13. Volume of solid waste to be received: 30 yds<sup>3</sup>/day tons/day gallons/day
14. Date site will be ready to be inspected for completion: 1/1/95
15. Estimated life of facility: 20 years
16. Estimated costs:  
Total Construction: \$ 742,000 Closing Costs: \$ 3,139.00
17. Anticipated construction starting and completion dates:  
From: 8/1/94 To: 1/1/95

C. MATERIALS RECOVERY / VOLUME REDUCTION FACILITY GENERAL INFORMATION

1. Provide brief description of materials recovery / volume reduction facility design and operations planned by this application:

SEE ATTACHED ENGINEERING REPORT

2. Facility site supervisor: Browning Ferris Industries - Jeff Boyd  
Title: Plant Manager, Tampa Bay District Telephone: (813) 573-9150 (current)
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 ☐ \_\_\_\_\_
6. Days of operation: 6 days/week
7. Hours of operation: 8:00 to 5:00
8. Number of operating staff: 7
9. Expected useful life: 20 Years
10. Weighing scales used: Yes ☒ No ☐
11. Normal processing rate: \_\_\_\_\_ yd<sup>3</sup>/day 15 tons/day \_\_\_\_\_ gal/day
12. Maximum processing rate: \_\_\_\_\_ yd<sup>3</sup>/day 30 tons/day \_\_\_\_\_ gal/day
13. Charge for waste received: N/A
14. Type of facility (check one or more):

Incinerator	<input type="checkbox"/>	Composting	<input type="checkbox"/>
Pulverizer / shredder	<input type="checkbox"/>	Materials recovery	<input checked="" type="checkbox"/>
Compactor/baling	<input type="checkbox"/>	Energy recovery	<input type="checkbox"/>
Sludge concentration	<input type="checkbox"/>	Pyrolysis	<input type="checkbox"/>
Other	<input type="checkbox"/>		

15. Material recovered, tons/week:

<u>1</u> Paper office	<u>3.6</u> Glass
<u>2.1</u> Ferrous metals	<u>      </u> Non-ferrous metals
<u>0.47</u> Aluminum	<u>1.7</u> Plastics
<u>50</u> Other: (ONP)	<u>1</u> Aseptic Packaging

16. Energy recovery, in units shown:

<u>      </u> High pressure steam, lb/hr	<u>      </u> Chilled water, gal/hr
<u>      </u> Low pressure steam, lb/hr	<u>      </u> Oil, gal/hr
<u>      </u> Electricity, kw/hr	<u>      </u> Oil, BTU/hr
<u>      </u> Gas, ft <sup>3</sup> /hr	<u>      </u> Gas, BTU/hr
<u>      </u> Other:	

17. Process water management:

Recycled: Yes ☐ No ☐ N/A

Treatment method used: \_\_\_\_\_

Discharged to: Surface waters ☐ Underground ☐ Other ☐

Name and Class of receiving water: \_\_\_\_\_

18. Storm Water:

Collected: Yes ☒ No ☐ Type of treatment: \_\_\_\_\_

Name and Class of receiving water: Buckhorn Creek

19. MSSW Permit number or status: 409662.00

20. Final residue produced:

20 % of normal processing rate

25 % of maximum processing rate

Disposed of at (Site name): Pasco County Resource Recovery Facility

21. Supplemental fuel used: N/A

Type: \_\_\_\_\_ Quantity used/hour: \_\_\_\_\_

22. Costs:

Estimated operating costs (material-energy revenue): \$ \_\_\_\_\_

Total cost/ton: \$ \_\_\_\_\_ Net cost/ton: \$ \_\_\_\_\_

23. State pollution control bond financing amount: \$ \_\_\_\_\_

24. Estimated amount of tax exemptions that will be requested: \$ \_\_\_\_\_

**RECEIVED**  
JUN 21 1994  
Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

**D. SOLID WASTE MANAGEMENT FACILITY PERMIT GENERAL REQUIREMENTS (17-701.320, FAC)**

<u>S</u>	<u>LOCATION</u>	<u>N/A</u>	<u>N/C</u>	
<u>X</u>	_____	_____	_____	1. Six copies, at minimum, of the completed application form, all supporting data and reports; (17-701.320(5)(a), FAC)
<u>X</u>	_____	_____	_____	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)
<u>X</u>	_____	_____	_____	3. A letter of transmittal to the Department; (17-701.320(7)(a), FAC)
<u>X</u>	_____	_____	_____	4. A completed application form dated and signed by the applicant; (17-701.320(7)(b), FAC)
<u>X</u>	_____	_____	_____	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)
<u>X</u>	_____	_____	_____	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))
<u>X</u>	_____	_____	_____	7. Operation Plan; (17-701.320(7)(e)1, FAC)
<u>X</u>	_____	_____	_____	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)
<u>X</u>	_____	_____	_____	a. A regional map or plan with the project location;
<u>X</u>	_____	_____	_____	b. A vicinity map or aerial photograph no more than 1 year old;
		<u>X</u>	_____	c. A site plan showing all property boundaries certified by a registered Florida land surveyor;
<u>X</u>	_____	_____	_____	d. Other necessary details to support the engineering report.
<u>X</u>	_____	_____	_____	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)



<u>S</u>	<u>LOCATION</u>	<u>N/A</u>	<u>N/C</u>	
<u>X</u>	<u>See Report</u>	<u>    </u>	<u>    </u>	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)
<u>    </u>	<u>    </u>	<u>X</u>	<u>    </u>	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)
<u>X</u>	<u>See Report</u>	<u>    </u>	<u>    </u>	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)
<u>    </u>	<u>    </u>	<u>X</u>	<u>    </u>	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)

**RECEIVED**  
JUN 21 1994

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

S      LOCATION      N/A      N/C

- |               |               |               |               |    |   |
|---------------|---------------|---------------|---------------|----|---|
| <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | 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. |
| <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | 4. | Request for extension of closure criteria as specified in Rule 17-701.640(2)(a) & (2)(b), FAC.  |
| <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | a. | Demonstration of no alternative disposal capacity.  |
| <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | b. | Demonstration of no threat to human health or the environment.  |

**S. MATERIALS RECOVERY FACILITY REQUIREMENTS (17-701.700,FAC)**

- |               |               |               |               |     |  |
|---------------|---------------|---------------|---------------|-----|--|
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | 1.  | Proof of posting a performance bond payable to the Department to cover closing costs, if required; (17-701.700(4),FAC)   |
| <u>      </u> | <u>      </u> | <u>      </u> | <u>      </u> | 2.  | Materials recovery facility requirements; (17-701.700,FAC)   |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | a.  | Submit information required in Rule 17-701.320,FAC   |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | b.  | Submit an engineering report including the following:  |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | (1) | Description of the solid waste proposed to be collected, stored, processed or disposed;  |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | (2) | Projection with assumptions for waste types and quantities expected in future years;   |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | (3) | Description of operation and functions of all processing equipment with design criteria and expected performance;  |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | (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; |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | (5) | Description of loading, unloading, and processing areas;   |
| <u>X</u>      | <u>      </u> | <u>      </u> | <u>      </u> | (6) | Identification and capacity of temporary on-site storage areas for materials handled and provisions for solid waste and leachate containment;  |
| <u>      </u> | <u>      </u> | <u>X</u>      | <u>      </u> | (7) | Identification of potential ground water and surface water contamination;  |

<u>S</u>	<u>LOCATION</u>	<u>N/A</u>	<u>N/C</u>
<u>X</u>	<u>Report</u>	<u>    </u>	<u>    </u>
<u>X</u>	<u>See Report</u>	<u>    </u>	<u>    </u>
<u>X</u>	<u>Report</u>	<u>    </u>	<u>    </u>
<u>X</u>	<u>Report</u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

(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 Pasco County is aware that statements made in this form and attached information are an application for a Materials Recovery 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.

D. S. Bramlett  
Signature of Applicant or Agent

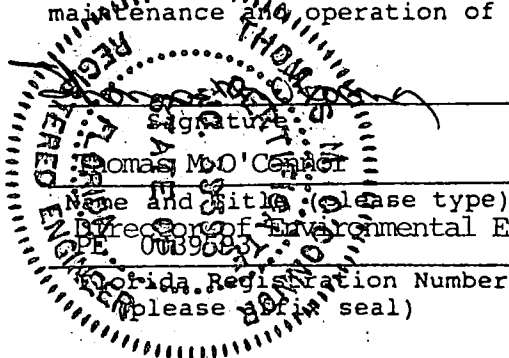
Douglas S. Bramlett, Asst. County Administrator  
Name and Title Utilities Service Branch

Date: 6/20/94

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.



8406 Massachusetts Avenue, Suite A-2

Mailing Address

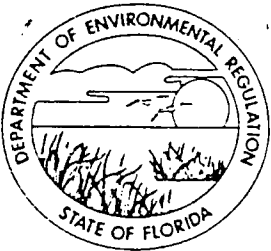
New Port Richey, FL 34653

City, State, Zip Code

813-846-0904

Telephone Number

Date: 6/21/94



# Florida Department of Environmental Regulation

Southwest District

Lawton Chiles, Governor

3804 Coconut Palm Dr.

813-744-6100

Tampa, Florida 33619

Virginia Wetherell, Secretary

DATE:

5/24/94

TIME:

930am

SUBJECT:

Pasco Co MRF (BFI) - Pre-Application Meeting

## A T T E N D E E S

Name

Affiliation

Telephone

Susan Pelz

FDEP

813-744-6100 x 386

JOHNNIE WITHERSPOON

BFI

813-572-6800

Ray Nizer

BFI

813-572-6800

Tom O'Connor

KEA

813 846-0904

PASCO MRF

5/24/84

berms at doors  
residual containers  
lights & sprinklers  
fire survey after construction complete  
roof over outside glass storage

3/25 344p

Tom O'Connell

MRF - New one @  
Resource Recovery -

Bob told him that  
if clean recyclables  
then submit eqn

& can be exempt.

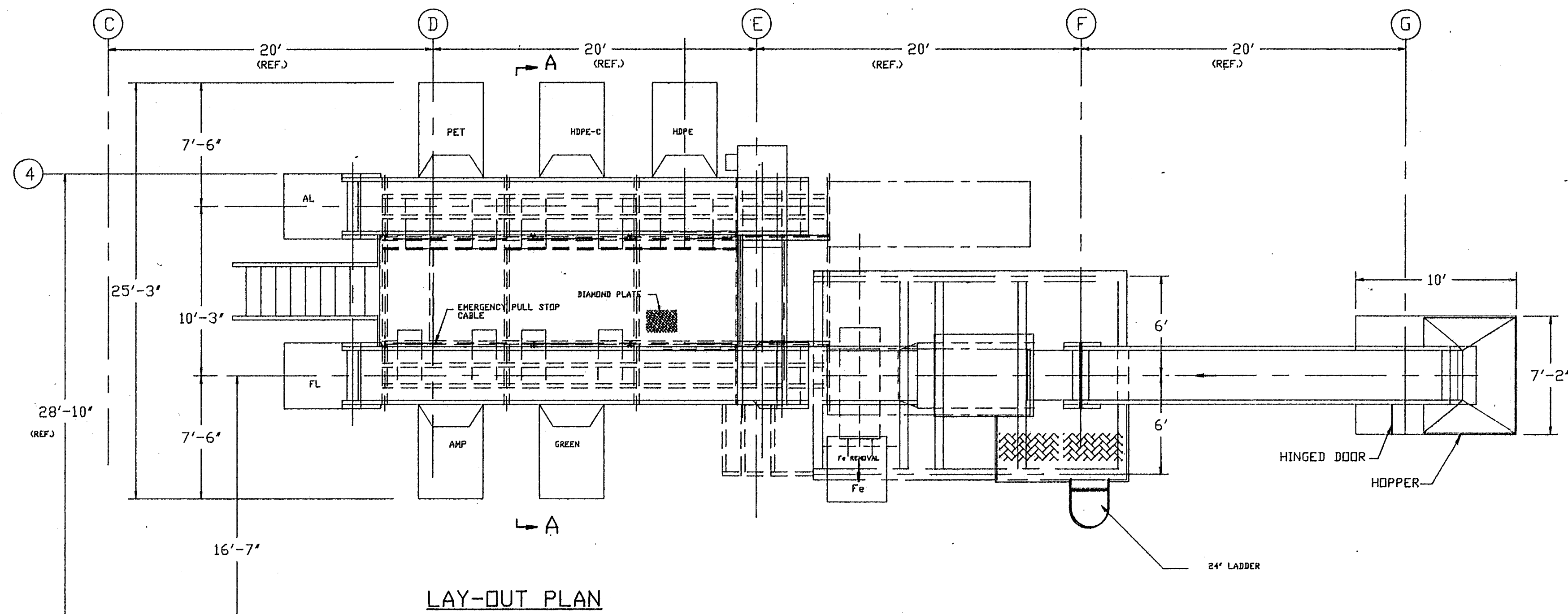
Told him "safer"  
to send a fee

~~He told me to send a fee~~

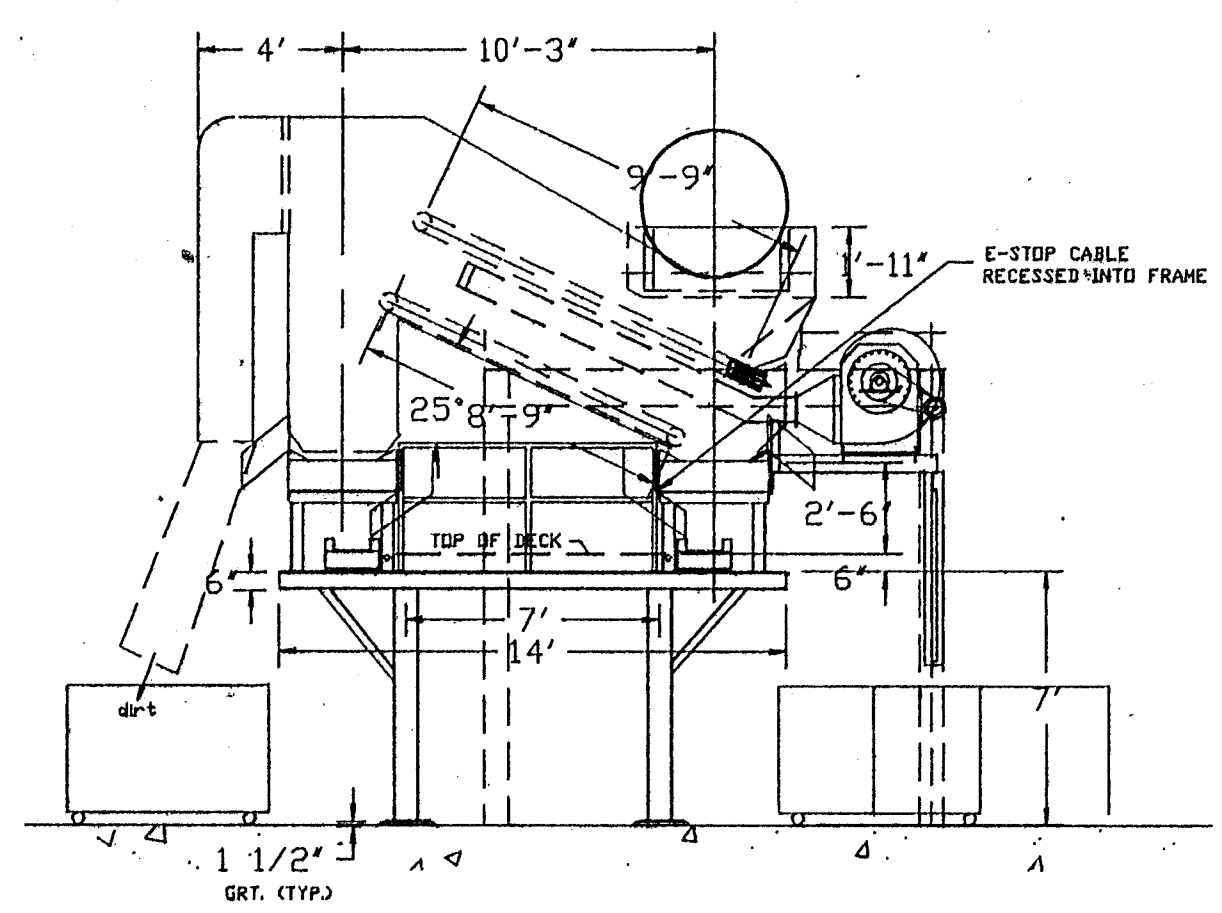
**MAY 19 1994**



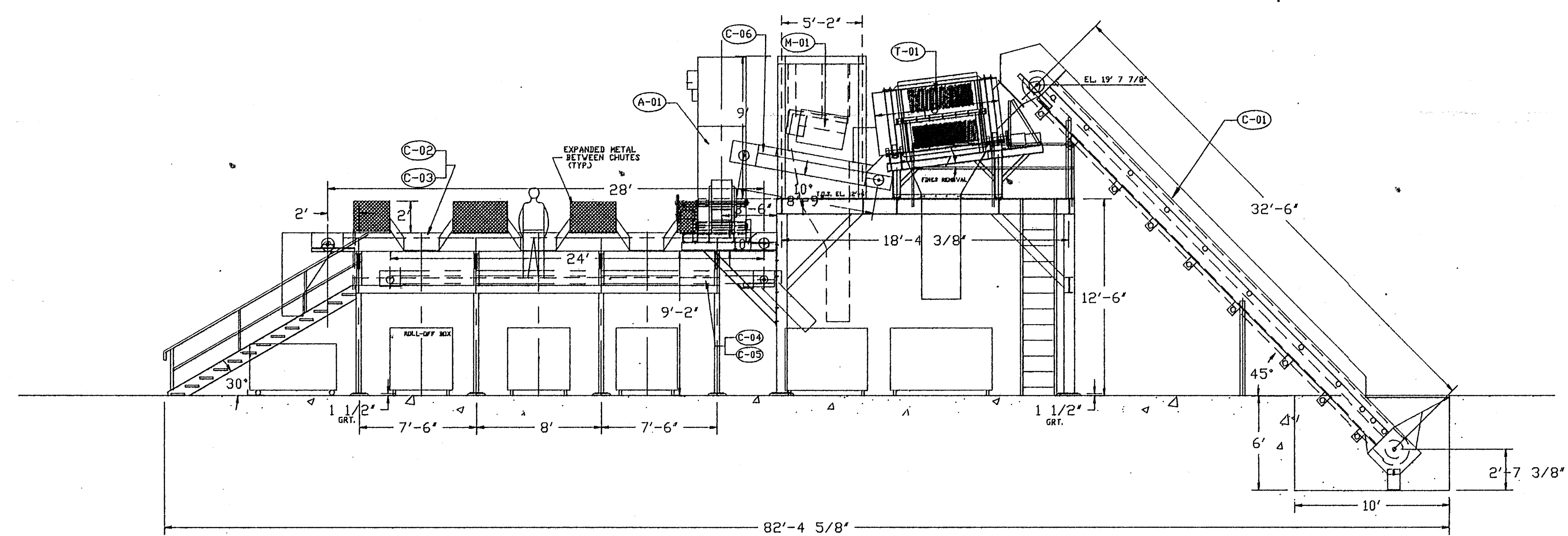
1558727 (1)



LAY-OUT PLAN



SECTION A-A



ELEVATION (OPTION-1)

D.E.P.  
SEP 13 1994  
SOUTHWEST DISTRICT  
TAMPA

REFERENCE DRAWING	B.D. #	MARK	DESCRIPTION	HP	WEIGHT	SPEED	TON/HR
H94171-2	B3738	(C-01)	30' WIDE x 32'-6" LG. FLEXWALL	5	7500	40-70 FPM VARIABLE	
H94171-8	B3739	(M-01)	CROSS BELT MAGNET	3	3800		
H94171-16 THRU 19	B3740	(T-01)	4' DIA. x 8'-0" TROMMEL SCREEN	3	3800		
H94171-10 THRU 15	B3741	(A-01)	AIR CLASSIFIER/ BLOWER	5 1/2		70 FPM	
H94171-3	B3742	(C-02)	30' WIDE x 28'-0" LG. SORTING CONVEYOR	2	7,000		
H94171-4	B3743	(C-03)	30' WIDE x 28'-0" LG. SORTING CONVEYOR	2	7,000	50 FPM	
H94171-5	B3745	(C-04)	12' WIDE x 24'-0" LG. FLAT BELT CONVEYOR	3/4	2800	50 FPM	
H94171-6	B3746	(C-05)	12' WIDE x 24'-0" LG. FLAT BELT CONVEYOR	3/4	2800		
	B3748		CHUTES		1500		
H94171-23		(C-06)	36' WIDE x 8'-9" LG. FLAT BELT CONVEYOR	3/4	1600		
H94171-7 THRU 9	B3744		SERVICE CATWALK, HANDRAIL, CHUTES & STAIRWAY		10,000		
			SUPPORT (LUMPSUM)		8,000		
			ROLL-OFF BOXES (BY OTHERS)				

3	8-31-94	shortened support by 1 1/2' clr. for grouting by customer
2	8-16-94	revised per customer changes & comments
1	8-6-94	revised overall concept per HCC changes
REV.	DATE	DESCRIPTION
B.D. B3738 THRU B3748		DRG. NO. H94171-1
FILE		REV.
2		
<p>THIS DRAWING IS THE PROPERTY OF HUSTLER CONVEYOR COMPANY. IT SHALL NOT BE COPIED OR DUPLICATED IN ANY MANNER AND SHALL NOT BE SUBMITTED TO ANY OUTSIDE PARTY FOR EXAMINATION WITHOUT OUR CONSENT. IT SHALL BE USED FOR REFERENCE TO WORK ON CONTRACT OR PROPOSAL SUBMITTED BY THIS COMPANY ONLY.</p> <p>COMINGLED SORTING SYSTEM</p> <p>SCALE: 3/16"=1'-0"</p> <p>DATE: 6/6/94</p> <p>FOR: B. F. I. (PASCO COUNTY) CRIGLER ENTERPRISES</p> <p>DRAWN BY: JTMICAYAS</p> <p>REVISED: JTMICAYAS</p>		



**NOTE**  
PRODUCTION CANNOT START UNTIL ONE SET OF DRAWINGS ARE SIGNED AND RETURNED TO HUSTLER CONVEYOR CO.

**APPROVAL**  
BY \_\_\_\_\_  
DATE \_\_\_\_\_

**NOTES**  
1. UPON APPROVAL OF THIS DRAWING HUSTLER CONVEYOR COMPANY WILL ACCEPT NO BACK CHARGE UNLESS WRITTEN PERMISSION IS GRANTED BY HUSTLER CONVEYOR COMPANY.  
2. ALL CONVEYORS FABRICATED IN MODULAR SECTION SHOULD BE ASSEMBLED IN PLACE.  
3. ALL CONVEYORS SUPPORT SHALL BE WELDED TO CONVEYOR FRAME AFTER ALIGNMENT AND ADJUSTMENT ARE DONE.  
4. CONVEYOR BELT SHIPPED SEPARATELY IS TO BE ASSEMBLED AND ADJUSTED ACCORDINGLY IN THE FIELD.