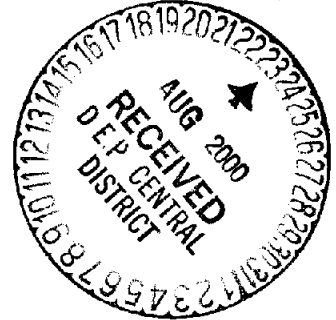


FILE COPY

Permit #s

SC48-0173968-001

SO48-0173968-002



***SOUTH ORLANDO TRANSFER STATION  
CLASS III MRF PERMIT APPLICATION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA***

***PREPARED FOR:***

***TAFT RECYCLING, INC.  
1099 MILLER DRIVE  
ALTAMONTE SPRINGS, FLORIDA 32701***

***PREPARED BY:***

***HARTMAN & ASSOCIATES, INC.  
201 EAST PINE STREET, SUITE 1000  
ORLANDO, FLORIDA 32801***

***AUGUST 2000***

***HAI #99-202.07***

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark I. Luke, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

## ASSOCIATES:

J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Cashc, P.E.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
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Lawrence E. Jenkins, P.S.M.  
Joseph S. Paterniti, P.E.  
Daryl C. Walk, P.E.

August 21, 2000

HAI #99-202.07

Mr. James Bradner, P.E.  
Program Manager, Solid Waste  
Florida Department of Environmental Protection  
3319 Maquire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: Taft, Florida  
Taft Recycling, Inc.  
South Orlando Transfer Station  
Class III Recycling Facility Permit Application**

Dear Mr. Bradner:

On behalf of Taft Recycling, Inc., Hartman & Associates, Inc. (HAI) submits for your review, this application for the Construction and Operation of the subject Class III Recycling Facility. A check for the \$4,000.00 Construction/Operation application review fee for Taft Recycling, Inc. is enclosed. We have organized the attachments to the application according to the format provided:

- Attachment A Engineering Report
- ✓ • Attachment B Operations Plan
- Attachment C Leachate Control Plan
- Attachment D Boundary Survey, Legal Description, and Aerial Photograph
- Attachment E Property Use Authorization
- ✓ • Attachment F Contingency Plan
- Attachment G Closure Plan
- Attachment H Financial Assurance
- Attachment I Enforcement History
- Attachment J Geotechnical Report

We trust that this submittal will meet the requirements of FAC 62-701 and allow the approval of the applicable Class III recycling facility permit.

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

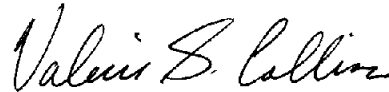
ORLANDO FORT MYERS PLANTATION JACKSONVILLE

Mr. James Bradner, P.E.  
August 21, 2000  
Page 2

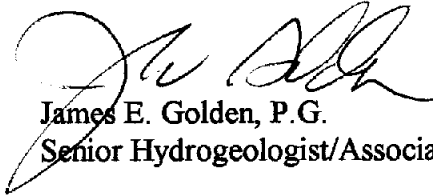
During your review, please feel free to call me to answer any questions.

Very truly yours,

**Hartman & Associates, Inc.**



Valerie S. Collins  
Project Hydrogeologist



James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JEG/sas/99-202.07/corresp/bradner.vsc

Addressee (6)

cc: Joe Briarton, Taft Recycling, Inc. (2)

**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
PERMIT APPLICATION**

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---	----------------------



**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
PERMIT APPLICATION**

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**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
PERMIT APPLICATION**

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**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
PERMIT APPLICATION**

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**Florida Department of Environmental Protection**

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

DEP Form # 62-701.900(1)

Form Title Solid Waste Management Facility Permit

Effective Date May 19, 1994

DEP Application No. \_\_\_\_\_

(Filled by DEP)

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**SOLID WASTE MANAGEMENT FACILITY PERMIT**

**APPLICATION INSTRUCTIONS AND FORMS**

# INSTRUCTIONS TO APPLY FOR A SOLID WASTE MANAGEMENT PERMIT

## I. General

Solid Waste Management Facilities shall be permitted pursuant to Section 403.707, Florida Statutes, (FS) and in accordance with Florida Administrative Code (FAC) Chapter 62-701. A minimum of six copies of the application shall be submitted to the Department District office having jurisdiction over the facility. The appropriate fee in accordance with Chapter 62-4, FAC, and Rule 62-701.320(5)(c), FAC, shall be submitted with the application by check made payable to the Department of Environmental Regulation (DEF).

Complete appropriate sections for the type of facility for which application is made. Entries shall be typed or printed in ink. All blanks shall be filled in or marked "not applicable" or "no substantial change". Information provided in support of the application shall be marked "submitted" and the location of this information in the application package indicated. The application shall include all information, drawings, and reports necessary to evaluate the facility. Information required to complete the application is listed on the attached pages of this form.

## II. Application Parts Required for Construction and Operation Permits

- A. Landfills and Ash Monofills - Submit parts A,B, D through R, and T
- B. Asbestos Monofills - Submit parts A,B,D,E,F,I,K, M through Q, and T
- C. Industrial Solid Waste Facilities - Submit parts A,B, D through Q, and T
- D. Volume Reduction Facilities - Submit parts A,C,D,S, and T
- E. Materials Recovery Facilities - Submit parts A,C,D,S, and T

NOTE: Portions of some parts may not be applicable.

NOTE: For facilities that have been satisfactorily constructed in accordance with their construction permit, the information required for A,B,C,D, and E type facilities does not have to be resubmitted for an operation permit if the information has not substantially changed during the construction period. The appropriate portion of the form should be marked 'no substantial change'.

## III. Application Parts Required for Closure Permits

- A. Landfills and Ash Monofills - Submit parts A,B, N through R, and T
- B. Asbestos Monofills - Submit parts A,B, H through Q, and T
- C. Industrial Solid Waste Facilities - Submit parts A,B, N through Q, and T
- D. Volume Reduction Facilities - Submit parts A,C,S, and T
- E. Materials Recovery Facilities - Submit parts A,C,S, and T

NOTE: Portions of some parts may not be applicable.

## IV. Permit Renewals

The above information shall be submitted at time of permit renewal in support of the new permit. However, facility information that was submitted to the Department to support the expiring permit, and which is still valid, does not need to be re-submitted for permit renewal. Portions of the application not re-submitted shall be marked "no substantial change" on the application form.

V. Application Codes

S	-	Submitted
LOCATION	-	Physical location of information in application
N/A	-	Not Applicable
NIC	-	No Substantial Change

VI. LISTING OF APPLICATION PARTS

PART A	-	GENERAL INFORMATION
PART B	-	DISPOSAL FACILITY GENERAL INFORMATION
PART C	-	MATERIALS RECOVERY / VOLUME REDUCTION FACILITY GENERAL INFORMATION
PART D	-	SOLID WASTE MANAGEMENT FACILITY PERMIT GENERAL REQUIREMENTS
PART E	-	LANDFILL PERMIT GENERAL REQUIREMENTS
PART F	-	GENERAL CRITERIA FOR LANDFILLS
PART G	-	LANDFILL CONSTRUCTION REQUIREMENTS
PART B	-	HYDROGEOLOGICAL INVESTIGATION REQUIREMENTS
PART I	-	GEOTECHNICAL INVESTIGATION REQUIREMENTS
PART J	-	VERTICAL EXPANSION OF LANDFILLS
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PART M	-	SPECIAL WASTE HANDLING REQUIREMENTS
PART N	-	LANDFILL CLOSURE REQUIREMENTS
PART O	-	CLOSURE PROCEDURES
PART P	-	LONG TERM CARE REQUIREMENTS
PART Q	-	FINANCIAL RESPONSIBILITY REQUIREMENTS
PART R	-	CLOSURE OF EXISTING LANDFILL REQUIREMENTS
PART S	-	MATERIALS RECOVERY FACILITY REQUIREMENTS
PART T	-	CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

APPLICATION FOR PERMIT TO CONSTRUCT, OPERATE, MODIFY OR CLOSE  
A SOLID WASTE MANAGEMENT FACILITY

Please Type or Print

A. GENERAL INFORMATION

1. Type of facility:

Disposal ☐

Class I Landfill	<input type="checkbox"/>	Ash Monofill	<input type="checkbox"/>
Class II Landfill	<input type="checkbox"/>	Asbestos Monofill	<input type="checkbox"/>
Class III Landfill	<input type="checkbox"/>	Industrial Solid Waste	<input type="checkbox"/>
Other	<input type="checkbox"/>		

Volume Reduction ☒

Incinerator	<input type="checkbox"/>	Pulverizer / shredder	<input type="checkbox"/>
Composting	<input type="checkbox"/>	Compactor/Baling Plant	<input type="checkbox"/>
Materials Recovery	<input checked="" type="checkbox"/>	Energy Recovery	<input type="checkbox"/>
Other	<input type="checkbox"/>		

2. Type of application:

Construction	<input type="checkbox"/>	Construction/Operation	<input checked="" type="checkbox"/>
Operation	<input type="checkbox"/>	Closure	<input type="checkbox"/>

3. Classification of application:

New	<input checked="" type="checkbox"/>	Substantial Modification	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	Minor Modification	<input type="checkbox"/>

4. Facility name: South Orlando Transfer Station

5. DEP ID number: \_\_\_\_\_ County: Orange

6. Facility location (main entrance): 375 7<sup>th</sup> Street, Taft, Florida 32824

7. Location coordinates:

Section: 2 Township: 24S Range: 29E

UTMs: Zone 17 462480 km E 3144268 km N

Latitude: 28 ° 25 ' 33 " Longitude: 81 ° 22 ' 59 "

8. Applicant name (operating authority): Taft Recycling, Inc.

Mailing address: 1099 Miller Drive Altamonte Springs FL 32701  
Street or P.O. Box City State zip

Contact person: Joe Briarton Telephone: (407) 376-8587

Title: Regional Manager Fax: (407) 831-3266

9. Authorized agent/consultant: Hartman & Associates, Inc.
- Mailing address: 201 E. Pine Street Suite 1000 Orlando Florida 32801  
Street or P.O. Box City State zip
- Contact person: James E. Golden, P.G. Telephone: (407) 839-3955
- Title: Sr. Hydrogeologist Fax: (407) 839-2066
10. Landowner (if different than applicant) Pete and Beverly Madison
- Mailing address: 2177 Hoffner Avenue Orlando Florida 32809  
Street or P.O. Box City State zip
- Contact person: Pete Madison Telephone: (407) 257-6441
11. Cities, towns and areas to be served: Orange, Osceola, and Seminole Counties
12. Population to be served:
- Current: 1,396,945 Five-Year Projection: 1,589,142
13. Volume of solid waste to be received: 1,000 yds<sup>3</sup>/day tons/day gallons/day
14. Date site will be ready to be inspected for completion: 2/2001
15. Estimated life of facility: Indefinite years
16. Estimated costs:
- Total Construction: \$200,000 Closing Costs: \$156,556.20
17. Anticipated construction starting and completion dates:
- From: 11/2000 To: 2/2001



B. DISPOSAL FACILITY GENERAL INFORMATION N/A

1. Provide brief description of disposal facility design and operations planned by this application:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Facility site supervisor: \_\_\_\_\_

Title: \_\_\_\_\_ Telephone: (\_\_\_\_) \_\_\_\_\_

3. Disposal area: Total \_\_\_\_\_ acres; Used \_\_\_\_\_ acres; Available \_\_\_\_\_ acres

4. Weighing scales used: Yes [ ] No [ ]

5. Security to prevent unauthorized use: Yes [ ] No [ ]

6. Charge for waste received: \_\_\_\_\_ \$/yds<sup>3</sup> \_\_\_\_\_ \$/ton

7. Surrounding land use, zoning:

Residential	[ ]	Industrial	[ ]
Agricultural	[ ]	None	[ ]
Commercial	[ ]	Other	[ ] _____

8. Types of waste received:

Residential	[ ]	C & D debris	[ ]
Commercial	[ ]	Shredded/cut tires	[ ]
Incinerator / WTE ash	[ ]	Yard trash	[ ]
Treated biohazardous	[ ]	Septic tank	[ ]
Water treatment sludge	[ ]	Industrial	[ ]
Air treatment sludge	[ ]	Industrial sludge	[ ]
Agricultural	[ ]	Domestic sludge	[ ]
Asbestos	[ ]		
Other	[ ]		

9. Salvaging permitted: Yes [ ] No [ ]

10. Attendant: Yes [ ] No [ ] Trained operator: Yes [ ] No [ ]

11. Spotters: Yes [ ] No [ ] Number of spotters used: \_\_\_\_\_

12. Site located in: Floodplain [ ] Wetlands [ ] Other [ ] \_\_\_\_\_

13. Property recorded as a Disposal Site in County Land Records: Yes [ ] No [ ]

14. Days of operation: \_\_\_\_\_

15. Hours of operation: \_\_\_\_\_

16. Days Working Face covered: \_\_\_\_\_

17. Elevation of water table: \_\_\_\_\_ Ft. NGVD

18. Number of monitoring wells: \_\_\_\_\_
19. Number of surface monitoring points: \_\_\_\_\_
20. Gas controls used: Yes [ ] No [ ]      Type controls: Active [ ] Passive [ ]  
 Gas flaring: Yes [ ] No [ ]      Gas recovery: Yes [ ] No [ ]
21. Landfill Unit - liner type:
- |                    |     |                         |
|--------------------|-----|-------------------------|
| Natural soils      | [ ] | Double geomembrane      |
| Single clay liner  | [ ] | Geomembrane & composite |
| Single geomembrane | [ ] | Double composite        |
| single composite   | [ ] | None                    |
| Slurry wall        | [ ] |                         |
| Other              |     |                         |
22. Leachate collection method:
- |                  |     |                    |     |
|------------------|-----|--------------------|-----|
| Collection pipes | [ ] | Sand layer         | [ ] |
| Geonets          | [ ] | Gravel layer       | [ ] |
| Well points      | [ ] | Interceptor trench | [ ] |
| Perimeter ditch  | [ ] | None               | [ ] |
| Other            | [ ] |                    |     |
23. Leachate storage method:
- |       |     |                      |     |
|-------|-----|----------------------|-----|
| Tanks | [ ] | Surface impoundments | [ ] |
| Other | [ ] |                      |     |
24. Leachate treatment method:
- |           |     |                    |     |
|-----------|-----|--------------------|-----|
| oxidation | [ ] | Chemical treatment | [ ] |
| Secondary | [ ] | Settling           | [ ] |
| Advanced  | [ ] | None               | [ ] |
| Other     | [ ] |                    |     |
25. Leachate disposal method:
- |                     |     |                             |     |
|---------------------|-----|-----------------------------|-----|
| Recirculated        | [ ] | Pumped to WWTP              | [ ] |
| Transported to WWTP | [ ] | Discharged to surface water | [ ] |
| Injection well      | [ ] | Evaporation (ie: Perc Pond) | [ ] |
| Other               | [ ] |                             |     |
26. For leachate discharged to surface waters:
- Name and Class of receiving water: \_\_\_\_\_
27. Storm Water:
- Collected: Yes [ ] No [ ]      Type of treatment \_\_\_\_\_
- Name and Class of receiving water: \_\_\_\_\_
28. Management and Storage of Surface Waters ( MSSW ) Permit number or status: \_\_\_\_\_

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:

Mixed C&D and Class III material to be sorted, and recycled. Wood will be chipped, but there will be no concrete crushing.

2. Facility site supervisor: Joe Briarton

Title: Regional Manager Telephone: (407) 831-1539

3. MRF area: Total 10.6 acres; Used 0 acres; Available 10.6 acres;

4. Security to prevent unauthorized use: Yes ☒ No ☐

5. Site located in: Floodplain ☒ Wetlands ☐ Other ☐

6. Days of operations: Monday - Saturday

7. Hours of operation: 6:00 a.m. - 7:00 p.m.

8. Number of operating staff: 13

9. Expected useful life: Indefinite Years

10. Weighing scales used: Yes ☒ No ☐

11. Normal processing rate:        yds<sup>3</sup>/day 1000 tons/day        gal/day

12. Maximum processing rate:        yds<sup>3</sup>/day 1400 tons/day        gal/day

13. Charge for waste received: \$ 19 per ton

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>300</u> Paper	<u>300</u> Glass
<u>300</u> Ferrous metals	<u>200</u> Non-ferrous metals
<u>200</u> Aluminum	<u>100</u> Plastics
<u>200</u> Other:	<u>1400</u> Wood/Concrete
<u>Cardboard</u>	

16. Energy recovery, in units shown: N/A

<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>Others</u>	

17. Process water management:

Recycled: Yes [ ] No [ x ]

Treatment method used: No water used to process material.

Discharged to: Surface waters [ ] Underground [ ] Other [ ]

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

18. Storm Water:

Collected: Yes [ ] No [ x ] Type of treatment: \_\_\_\_\_

Name and Class of receiving water: Boggy Creek Canal (Class III)

19. MSSW Permit number or status: NA

20. Final residue produced:

50 % of normal processing rate

50 % of maximum processing rate

Disposed of at (Site name): Regional State permitted Class III and C&D Landfills

21. Supplemental fuel used:

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

22. Costs:

Estimated operating costs (material-energy revenue): \$180,000/mo.

Total cost/ton: \$ 15.00 Net cost/ton: \$ 10.00

23. State pollution control bond financing amount: \$ N/A

24. Estimated amount of tax exemptions that will be requested: \$ N/A

D. SOLID WASTE MANAGEMENT FACILITY PERMIT GENERAL REQUIREMENTS (62-701.320, FAC)

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
<u>X</u>	<u>Attachments</u>	_____	_____	1. Six copies, at minimum, of the completed application form, all supporting data and reports; (62-701.320(5)(a),FAC)
<u>X</u>	<u>Attachments</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; (62-701.320(6),FAC)
<u>X</u>	<u>Enclosed</u>	_____	_____	3. A letter of transmittal to the Department; (62-701.320(7)(a),FAC)
<u>X</u>	<u>Enclosed</u>	_____	_____	4. A completed application form dated and signed by the applicant; (62-701.320(7)(b),FAC)
<u>X</u>	<u>Enclosed</u>	_____	_____	5. Permit fee specified in Rule 62-4.050, FAC and Rule 62-701.320(5)®, FAC in check or money order, payable to the Department; (62-701.320(7)®,FAC)
<u>X</u>	<u>Attachment A</u>	_____	_____	6. An engineering report addressing the requirements of this rule and with the following format: a cover sheet, text printed on 8½ 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; (62-701.320(7)(d),FAC)
<u>X</u>	<u>Attachment B</u>	_____	_____	7. Operation Plan; (62-701.320(7)(e)1.,FAC)
<u>X</u>	<u>Attachment F</u>	_____	_____	8. Contingency Plan; (62-701.320(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; (62-702.320(7)(f), FAC)
<u>X</u>	<u>Attachment A</u> <u>Figure 1</u>	_____	_____	a. A regional map or plan with the project location;
<u>X</u>	<u>Attachment D</u>	_____	_____	b. A vicinity map or aerial photograph no more than 1 year old;
<u>X</u>	<u>Attachment A</u> <u>Appendix A</u>	_____	_____	c. A site plan showing all property boundaries certified by a registered Florida land surveyor;
<u>X</u>	<u>Attachment A</u>	_____	_____	d. Other necessary details to support the engineering report.
<u>X</u>	<u>Attachment E</u>	_____	_____	10. Proof of property ownership or a copy of appropriate agreements between the facility operator and property owner authorizing use of property; 62-701.320(7)(g),FAC)

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
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		X	
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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; (62-701.320(7)(h),FAC)

X	Attachment I		
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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; (62-701.320(7)(I),FAC)

X	To Be Submitted		
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13. Proof of publication in a newspaper of general circulation of notice of application for a permit to construct or substantially modify a solid waste management facility; (62-701.320(8),FAC)

X	Attachment B Appendix J		
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14. Provide a description of how the requirements for airport safety will be achieved including proof of required notices if applicable; (62-701.320(12),FAC)



S	Location	N/A	N/C
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5. A report on the landfill describing the following;  
(62-701.330(4)(e),FAC)

_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____

- a. The current and projected population and area to be served by the proposed site;
- b. The anticipated type, annual quantity, and source of solid waste, expressed in tons;
- c. The anticipated facility life;
- d. The source and type of cover material used for the landfill.

6. Provide evidence that an approved laboratory shall conduct water quality monitoring for the facility in accordance with Rule 62-160,FAC; (62-701.330(4)(h),FAC)

7. Provide a statement of how the applicant will demonstrate financial responsibility for the closing and long-term care of the landfill; (62-701.330(4)(i),FAC)

F. GENERAL CRITERIA FOR LANDFILLS (62-701.340, FAC)

_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____

1. Describe (and show on a Federal Insurance Administration flood map, if available) how the landfill or solid waste disposal unit shall not be located in the 100-year floodplain where it will restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain unless compensating storage is provided, or result is a washout of solid waste; (62-701.340(4)(b),FAC)
2. Describe how the minimum horizontal separation between waste deposits in the landfill and the landfill property boundary shall be 100 feet, measured from the toe of the proposed final cover slope; (62-701.340(4)(c),FAC)
3. Describe what methods shall be taken to screen the landfill from public view where such screening can practically be provided; (62-701.340(4)(d),FAC)



G. LANDFILL CONSTRUCTION REQUIREMENTS (62-701.400,FAC)

S	Location	N/A	N/C
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		x	
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1. Describe how the landfill shall be designed so that solid waste disposal units will be constructed and closed at planned intervals throughout the design period of the landfill; (62-701.400(2),FAC)

2. Landfill liner requirements; (62-701.400(3),FAC)

a. General construction requirements; (62-701.400(3)(a), FAC):

		x	
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(1) Provide test information and documentation to ensure the liner will be constructed of materials that have appropriate physical, chemical, and mechanical properties to prevent failure;

		x	
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(2) Document foundation is adequate to prevent liner failure;

		x	
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(3) Constructed so bottom liner will not be adversely impacted by fluctuations of the ground water;

		x	
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(4) Designed to resist hydrostatic uplift if bottom liner located below seasonal high ground water table;

		x	
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(5) Installed to cover all surrounding earth which could come into contact with the waste or leachate.

b. Composite liners; (62-701.400(3)(b),FAC)

		x	
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(1) Upper geomembrane thickness and properties;

		x	
--	--	---	--

(2) Design leachate head for primary LCRS including leachate recirculation if appropriate;

		x	
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(3) Design thickness in accordance with Table A and number of lifts planned for lower soil component.

c. Double liners; (62-701.400(3)(c),FAC)

		x	
--	--	---	--

(1) Upper and lower geomembrane thicknesses and properties;

		x	
--	--	---	--

(2) Design leachate head for primary LCRS to limit the head to one foot above the liner;

		x	
--	--	---	--

(3) Lower geomembrane sub-base design;

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	

- (4) Leak detection and secondary leachate collection system minimum design criteria ( $k \geq 1$  cm/sec, head on lower liner  $\leq 1$  inch, head not to exceed thickness of drainage layer);

d. Standards for geomembranes;  
(62-701.400(3)(d),FAC)

- (1) Field seam test methods to ensure all field seams are at least 90 percent of the yield strength for the lining material;
- (2) Design of 24-inch-thick protective layer above upper geomembrane liner;
- (3) Describe operational plans to protect the liner and leachate collection system when placing the first layer of waste above 24-inch-thick protective layer.

e. Geosynthetic specification requirements;  
(62-701.400(3)(e),FAC)

- (1) Definition and qualifications of the designer, manufacturer, installer, QA consultant and laboratory, and QA program;
- (2) Material specifications for geomembranes, geotextiles, geogrids, and geonets;
- (3) Manufacturing and fabrication specifications including geomembrane raw material and roll QA, fabrication personnel qualifications, seaming equipment and procedures, overlaps, trial seams, destructive and nondestructive seam testing, seam testing location, frequency, procedure, sample size and geomembrane repairs;
- (4) Geomembrane installation specifications including earthwork, conformance testing, geomembrane placement, installation personnel qualifications, field seaming and testing, overlapping and repairs, materials in contact with geomembrane and procedures for lining system acceptance;
- (5) Geotextile and geogrid specifications including handling and placement, conformance testing, seams and overlaps, repair, and placement of soil materials;
- (6) Geonet specifications including handling and placement, conformance testing, stacking and joining, repair, and placement of soil materials;

S	Location	N/A	N/C
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____

f. Standards for soil components (62-701.400(3)(f), FAC):

- (1) Description of construction procedures including overexcavation and backfilling to preclude structural inconsistencies and procedures for placing and compacting soil component in layers;
- (2) Demonstration of compatibility of the soil component with actual or simulated leachate in accordance with EPA Test Method 9100 or an equivalent test method;
- (3) Procedures for testing in-situ soils to demonstrate they meet the specifications for soil liners;
- (4) Specifications for soil component of liner including at a minimum
  - (a) Allowable particle size distribution, Atterberg limits, shrinkage limit;
  - (b) Placement moisture and dry density criteria;
  - (c) Maximum laboratory-determined saturated hydraulic conductivity using simulated leachate;
  - (d) Minimum thickness of soil liner;
  - (e) Lift thickness;
  - (f) Surface preparation (clarification);
  - (g) Type and percentage of clay mineral within the soil component;
- (5) Procedures for constructing and using a field test section to document the desired saturated hydraulic conductivity and thickness can be achieved in the field.

3. Leachate collection and removal system (LCRS); (62-701.400(4), FAC)

a. The primary and secondary LCRS requirements; (62-701.400(4) (a), FAC)

_____	_____	x	_____
_____	_____	x	_____

- (1) Constructed of materials chemically resistant to the waste and leachate;
- (2) Have sufficient mechanical properties to prevent collapse under pressure;

S	Location	N/A	N/C
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	
		x	

(3) Have granular material or synthetic geotextile to prevent clogging;

(4) Have method for testing and cleaning clogged pipes or contingent designs for rerouting leachate around failed areas;

b. Primary LCRS requirements; (62-701.400(4)(b),FAC)

(1) Bottom 12 inches having hydraulic conductivity  $\geq 1 \times 10^{-3}$  CM/sec;

(2) Total thickness of 24 inches of material chemically resistant to the waste and leachate;

(3) Bottom slope design to accommodate for predicted settlement;

(4) Demonstration that synthetic drainage material, if used, is equivalent or better than granular material in chemical compatibility, flow under load and protection of geomembrane liner.

4. Leachate recirculation; (62-701.400(5),FAC)

a. Describe general procedures for recirculating leachate;

b. Describe procedures for controlling leachate runoff and minimizing mixing of leachate runoff with storm water;

c. Describe procedures for preventing perched water conditions and gas buildup;

d. Describe alternate methods for leachate management when it cannot be recirculated due to weather or runoff conditions, surface seeps, wind-blown spray, or elevated levels of leachate head on the liner;

e. Describe methods of gas management to control odors and migration of methane;

f. If leachate irrigation is proposed, describe treatment methods and standards for leachate treatment prior to irrigation over final cover and provide documentation that irrigation does not contribute significantly to leachate generation.







<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____

9. Gas control systems; (62-701.400(10),FAC)

- a. Design details for gas control system including collection pipes and vents, and passive venting or vacuum extraction details;
- b. Documentation that the gas control system will not impact the liner or leachate control system;
- c. Proposed methods of odor control including flaring designs in accordance with Chapter 62-296, FAC;
- d. Description of a routine gas monitoring program to ensure gas control system is operating properly including:
  - (1) Location of monitoring points;
  - (2) Requirements for quarterly sampling of all monitoring points;
  - (3) Description of corrective measures to be completed within 60 days of detection of elevated levels of explosive gases;
- e. Description of condensate collection and disposal methods.

10. Landfill gas recovery facilities; (62-701.400(11),FAC)

- a. information required in Rules 62-701.320(7) and 62-701.330(4), FAC supplied;
- b. Information required in Rule 62-701.600(4), FAC supplied where relevant and practical;
- c. Estimate of current and expected gas generation rates and description of condensate disposal methods provided;
- d. Description of procedures for condensate sampling, analyzing and data reporting provided;
- e. Closure plan provided describing methods to control gas after recovery facility ceases operation;
- f. Performance bond provided to cover closure costs if not already included in other landfill closure costs.

11. For landfills designed in ground water, provide documentation that the landfill will provide a degree of protection equivalent to landfills designed with bottom liners not in contact with ground water; (62-701.400(12),FAC)



H. HYDROGEOLOGICAL INVESTIGATION REQUIREMENTS (62-701.410, FAC)

S	Location	N/A	N/C
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____
_____	_____	x	_____

1. Submit a hydrogeological investigation and site report including at least the following information:
  - a. Regional and site specific geology and hydrogeology;
  - b. Direction and rate of ground water and surface water flow including seasonal variations;
  - c. Background quality of ground water and surface water;
  - d. Any on-site hydraulic connections between aquifers;
  - e. Site stratigraphy and aquifer characteristics for confining layers, semi-confining layers, and all aquifers below the landfill site that may be affected by the landfill;
  - f. Site topography and soil characteristics;
  - g. Inventory of all public and private water wells within a one-mile radius of the landfill including well top of casing and bottom elevations, name of owner, age and usage of each well, stratigraphic unit screened, well construction technique and static water level;
  - h. Description of topography, soil types and surface water drainage systems;
  - i. An inventory of all public and private water wells within one mile of the landfill.
  - j. Existing contaminated areas on landfill site.
2. Report signed, sealed and dated by PE or PG.

I. GEOTECHNICAL INVESTIGATION REQUIREMENTS (62-701.420, FAC)

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____

1. Submit a geotechnical site investigation report defining the engineering properties of the site including at least the following:
  - a. Description of subsurface conditions including soil stratigraphy and ground water table conditions;
  - b. Investigate for the presence of muck, previously filled areas, soft ground, lineaments and sink holes;
  - c. Estimates of average and maximum high water table across the site;
  - d. Foundation analysis including:
    - (1) Foundation bearing capacity analysis;
    - (2) Total and differential subgrade settlement analysis;
    - (3) Slope stability analysis;
  - e. Description of methods used in the investigation and includes soil boring logs, laboratory results, analytical calculations, cross sections, interpretations and conclusions;
  - f. An evaluation of fault areas, seismic impact zones, and unstable areas as described in 40 CFR 258.13, 40 CFR 258.14 and 40 CFR 258.15.
2. Report signed, sealed and dated by PE or PG.

**J. VERTICAL EXPANSION OF LANDFILLS (62-701.430,FAC)**

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	<u>x</u>	_____	1. Describe how the vertical expansion shall not cause or contribute to leachate leakage from the existing landfill or adversely affect the closure design of the existing landfill;
_____	_____	<u>x</u>	_____	2. Describe how the vertical expansion over unlined landfills will meet the requirements of Rule 62-701.400, FAC with the exceptions of Rule 62-701.430(1)(c),FAC;
_____	_____	<u>x</u>	_____	3. Provide foundation and settlement analysis for the vertical expansion;
_____	_____	<u>x</u>	_____	4. Provide total settlement calculations demonstrating that the final elevations of the lining system, that gravity drainage, and that no other component of the design will be adversely affected;
_____	_____	<u>x</u>	_____	5. Minimum stability safety factor of 1.5 for the lining system component interface stability and deep stability;
_____	_____	<u>x</u>	_____	6. Provide documentation to show the surface water management system will not be adversely affected by the vertical expansion;
_____	_____	<u>x</u>	_____	7. Provide gas control designs to prevent accumulation of gas under the new liner for the vertical expansion.

**K. LANDFILL OPERATION REQUIREMENTS (62-701.500,FAC)**

_____	_____	<u>x</u>	_____	1. Provide documentation that landfill will have at least one trained operator during operation and at least one trained spotter at each working face; (62-701.500(1),FAC)
_____	_____	<u>x</u>	_____	2. Provide a landfill operation plan including procedures for: (62-701.500(2), FAC)
_____	_____	<u>x</u>	_____	a. Designating responsible operating and maintenance personnel;
_____	_____	<u>x</u>	_____	b. Contingency operations for emergencies;
_____	_____	<u>x</u>	_____	c. Controlling types of waste received at the landfill;
_____	_____	<u>x</u>	_____	e. Vehicle traffic control and unloading;
_____	_____	<u>x</u>	_____	f. Method and sequence of filling waste;
_____	_____	<u>x</u>	_____	g. Waste compaction and application of cover;
_____	_____	<u>x</u>	_____	h. Operations of gas, leachate, and stormwater controls;
_____	_____	<u>x</u>	_____	i. Water quality monitoring.





<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
		<u>x</u>	
		<u>x</u>	
		<u>x</u>	
		<u>x</u>	

12. Provide a description of all-weather access road, inside perimeter road and other roads necessary for access which shall be provided at the landfill;  
(62-701.500(12),FAC)
13. Additional record keeping and reporting requirements;  
(62-701.500(13),FAC)
- a. Records used for developing permit applications and supplemental information maintained for the design period of the landfill;
  - b. Monitoring information, calibration and maintenance records, copies of reports required by permit maintained for at least 10 years;
  - c. Background water quality records shall be maintained for the design period of the landfill;
  - d. Maintain annual estimates of the remaining life of constructed landfills and of other permitted areas not yet constructed and submit this estimate annually to the Department.

## **L. WATER QUALITY AND LEACHATE MONITORING REQUIREMENTS (62-701.510, FAC)**

[illegible]

1. Water quality and leachate monitoring plan shall be submitted describing the proposed ground water, surface water and leachate monitoring systems and shall meet at least the following requirements;
  - a. Based on the information obtained in the hydrogeological investigation and signed, dated and sealed by the PG or PE who prepared it; (62-701.510(2)(a),FAC)
  - b. All sampling and analysis performed by organizations having Department approved Comprehensive Quality Assurance Plans; (62-701.510(2)(b),FAC)
  - c. Ground water monitoring requirements; (62-701.510(3),FAC)
    - (1) Detection wells located downgradient from and within 50 feet of disposal units;
    - (2) Downgradient compliance wells as required;
    - (3) Background wells screened in all aquifers below the landfill that may be affected by the landfill;
    - (4) Location information for each monitoring well;
    - (5) Well spacing no greater than 500 feet apart for downgradient wells and no greater than 1500 feet apart for upgradient wells unless site specific conditions justify alternate well spacings;
    - (6) Well screen locations properly selected;
    - (7) Procedures for properly abandoning monitoring wells;
    - (8) Detailed description of detection sensors if proposed.
  - d. Surface water monitoring requirements; (62-701.510(4),FAC)
    - (1) Location of and justification for all proposed surface water monitoring points;
    - (2) Each monitoring location to be marked and its position determined by a registered Florida land surveyor;
  - e. Leachate sampling locations proposed; (62-701.510(5),FAC)

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____
_____	_____	<u>x</u>	_____

f. Routine sampling frequency and requirements;  
(62-701.510(6),FAC)

- (1) Background ground water and surface water sampling and analysis requirements;
- (2) Leachate semi-annual and annual sampling and analysis requirements;
- (3) Detection well semi-annual sampling and analysis requirements;
- (4) Compliance well sampling and analysis requirements;
- (5) Surface water sampling and analysis requirements.

g. Describe procedures for implementing assessment monitoring and corrective action as required;  
(62-701.510(7),FAC)

h. Water quality monitoring report requirements;  
(62-701.510(9),FAC)

- (1) Semi-annual report requirements;
- (2) Bi-annual report requirements signed, dated and sealed by PG or PE.



M. SPECIAL WASTE HANDLING REQUIREMENTS (62-701.520, FAC)

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	x	_____	1. Describe procedures for managing motor vehicles; (62-701.520(1),FAC)
_____	_____	x	_____	2. Describe procedures for landfilling shredded waste; (62-701.520(3),FAC)
_____	_____	x	_____	3. Describe procedures for asbestos waste disposal; 62-701.520(4),FAC)
_____	_____	x	_____	4. Describe procedures for contaminated soil disposal; (62-701.520(5), FAC)

N. LANDFILL FINAL CLOSURE REQUIREMENTS (62-701.600,FAC)

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	x	_____	1. Closure schedule requirements; (62-701.600(2),FAC)
_____	_____	x	_____	a. Documentation that a written notice including a schedule for closure will be provided to the Department at least one year prior to final receipt of wastes;
_____	_____	x	_____	b. Notice to user requirements within 120 days of final receipt of wastes;
_____	_____	x	_____	c. Notice to public requirements within 10 days of final receipt of wastes.
_____	_____	x	_____	2. Closure permit general requirements; (62-701.600(3),FAC)
_____	_____	x	_____	a. Application submitted to Department at least 90 days prior to final receipt of wastes;
_____	_____	x	_____	b. Closure plan shall include the following:
_____	_____	x	_____	(1) Closure report;
_____	_____	x	_____	(2) Closure design plan;
_____	_____	x	_____	(3) Closure operation plan;
_____	_____	x	_____	(4) Closure procedures;
_____	_____	x	_____	(5) Plan for long term care;
_____	_____	x	_____	(6) A demonstration that proof of financial responsibility for long term care will be provided.





**O. CLOSURE PROCEDURES (62-701.610,FAC)**

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	<u>x</u>	_____	1. Survey monuments; (62-701.610(2),FAC)
_____	_____	<u>x</u>	_____	2. Final survey report; (62-701.610(3),FAC)
_____	_____	<u>x</u>	_____	3. Certification of closure construction completion; (62-701.610(4),FAC)
_____	_____	<u>x</u>	_____	4. Declaration to the public; (62-701.610(5),FAC)
_____	_____	<u>x</u>	_____	5. Official date of closing; (62-701.610(6),FAC)
_____	_____	<u>x</u>	_____	6. Use of closed landfill areas; (62-701.610(7),FAC)

**P. LONG TERM CARE REQUIREMENTS (62-701.620, FAC)**

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	<u>x</u>	_____	1. Right of property access requirements; (62-701.620(4), FAC)
_____	_____	<u>x</u>	_____	2. Successors of interest requirements;(62-701.620(5),FAC)
_____	_____	<u>x</u>	_____	3. Requirements f or replacement of monitoring devices; (62-701.620(7),FAC)
_____	_____	<u>x</u>	_____	4. Completion of long term care signed and sealed by professional engineer (62 701.620(8), FAC).

**Q. FINANCIAL RESPONSIBILITY REQUIREMENTS (62-701.630,FAC)**

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	<u>x</u>	_____	1. Provide cost estimates for closing, long term care, and corrective action costs estimated by a PE f or a third party performing the work, on a per unit basis, with the source of estimates indicated; (62-701.630(3)6(7), FAC).
_____	_____	<u>x</u>	_____	2. Describe procedures for providing annual cost adjustments to the Department based on inflation and changes in the closing, long-term care, and corrective action plans; (62-701.630(4)&(8), FAC).
_____	_____	<u>x</u>	_____	3. Describe funding mechanisms f or providing proof of financial assurance and include appropriate financial assurance forms; (62-701.630(5),(6),&(9), FAC).

**R. CLOSURE OF EXISTING LANDFILLS (62-701.640, FAC)**

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>	
_____	_____	<u>x</u>	_____	1. Demonstration that facility does not pose a bird hazard to aircraft as specified in Rule 62-701.320(12)(b), FAC.
_____	_____	<u>x</u>	_____	2. Demonstration that facility does not restrict the flow of the 100-year flood, reduce water storage capacity or result in wash-out of solid waste as specified in Rule 62-701.340(4)(b), FAC.

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
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		<u>x</u>	
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3. Demonstration that facility is not located in a fault area, seismic zone or unstable area as specified in Rule 62-701.420(1)(c), FAC.

4. Request for extension of closure criteria as specified in Rule 62-701.640(2)(a) & (2)(b), FAC.

		<u>x</u>	
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a. Demonstration of no alternative disposal capacity.

		<u>x</u>	
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b. Demonstration of no threat to human health or the environment.

**S. MATERIALS RECOVERY FACILITY REQUIREMENTS (62-701.700, FAC)**

<u>S</u>	<u>Location</u>	<u>N/A</u>	<u>N/C</u>
----------	-----------------	------------	------------

<u>X</u>	<u>Attachment H</u>		
----------	---------------------	--	--

1. Proof of posting a performance bond payable to the Department to cover closing costs, if required; (62-701.700(4), FAC)

<u>X</u>	<u>Attachment B Section 2</u>		
----------	-----------------------------------	--	--

2. Materials recovery facility requirements; (62-701.700, FAC)

<u>X</u>	<u>Attachments</u>		
----------	--------------------	--	--

a. Submit information required in Rule 62-701.320, FAC

<u>X</u>	<u>Attachment A</u>		
----------	---------------------	--	--

b. Submit an engineering report including the following:

<u>X</u>	<u>Section 3.1</u>		
----------	--------------------	--	--

(1) Description of the solid waste proposed to be collected, stored, processed or disposed;

<u>X</u>	<u>Section 3.2</u>		
----------	--------------------	--	--

(2) Projection with assumptions for waste types and quantities expected in future years;

<u>X</u>	<u>Section 3.3</u>		
----------	--------------------	--	--

(3) Description of operation and functions of all processing equipment with design criteria and expected performance;

<u>X</u>	<u>Section 3.4</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>Section 3.5</u>		
----------	--------------------	--	--

(5) Description of loading, unloading, and processing areas;

<u>X</u>	<u>Section 3.6</u>		
----------	--------------------	--	--

(6) Identification and capacity of temporary on-site storage areas for materials handled and provisions for solid waste and leachate containment;

<u>X</u>	<u>Attachment A</u> <u>Section 3.6</u>	_____	_____
<u>X</u>	<u>Attachment A</u> <u>Sect.</u> <u>3.4,3.7</u>	_____	_____
<u>X</u>	<u>Attachment B</u>	_____	_____
<u>X</u>	<u>Attachment B</u> <u>Section 1.7</u>	_____	_____
<u>X</u>	<u>Attachment B</u> <u>Section 1.6</u>	_____	_____
<u>X</u>	<u>Attachment B</u> <u>Section 1.17</u>	_____	_____
<u>X</u>	<u>Attachment B</u> <u>Section 1.17</u>	_____	_____
<u>X</u>	<u>Attachment B</u> <u>Section 1.17</u>	_____	_____
<u>X</u>	<u>Attachment B</u> <u>Section 1.17</u>	_____	_____

- (7) Identification of potential ground water and surface water contamination;
- (8) Plan for disposal of unmarketable recyclables and residue and contingencies for waste handling during breakdowns.

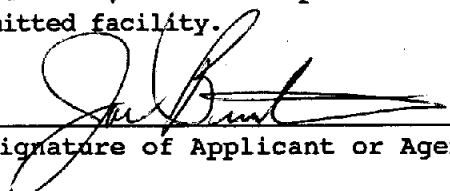
c Submit the following operational information:

- (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 Taft Recycling, Inc. is aware that statements made in this form and attached information are an application for a Material 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.

  
Signature of Applicant or Agent

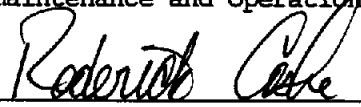
Joe Briarton, Regional Manager  
Name and Title

Date: 8/21/00

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 Sections 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 principles 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.

  
Signature

201 E. Pine Street, Suite 1000  
Mailing Address

Roderick K. Cashe, P.E.  
Name and Title (please type)

Orlando, FL 32801  
City, State, Zip Code

45169  
Florida Registration Number  
(please affix seal)

(407) 839-3955  
Telephone Number

Date: 8/21/00

**ATTACHMENT A**  
**ENGINEERING REPORT**

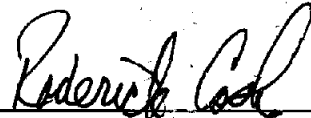


**ENGINEERING REPORT**

**SOUTH ORLANDO TRANSFER STATION  
CLASS III MRF PERMIT APPLICATION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

**PREPARED FOR:**

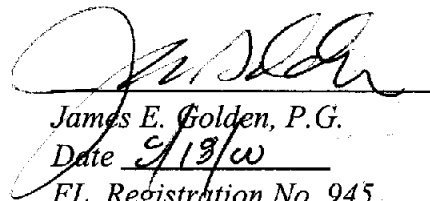
**TAFT RECYCLING, INC.  
1099 MILLER DRIVE  
ALTAMONTE SPRINGS, FLORIDA 32701**



Roderick K. Cashe, P.E.

Date 8/22/00

FL. Registration No. 45169



James E. Golden, P.G.

Date 8/13/00

FL. Registration No. 945

**PREPARED BY:**

**HARTMAN & ASSOCIATES, INC.  
201 E. PINE STREET, SUITE 1000  
ORLANDO, FLORIDA 32801**

**AUGUST 2000**

**HAI #99-202.07**

**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
ENGINEERING REPORT**

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APPENDIX A: Site Plan

**TABLE**

1 Material Disposition

**FIGURES**

1 Site Location Map  
2 SCS Soil Map  
3 Flood Insurance Rate Map  
4 Wetlands Map

## **SECTION 1**

### **INTRODUCTION**

The purpose of the proposed Taft Recycling, Inc. recycling operation is to receive Class III debris materials, and to process and sell as recovered/recycled materials. This process will include weighing the material brought to the site, separating and processing (compact cardboard and chip wood), and selling the recovered/recycled materials. Unusable materials will be removed from the site and deposited at the locations listed in Table 1.

## SECTION 2

### SITE DESCRIPTION

#### 2.1 GENERAL

The property currently consists of approximately 10.6 acres in a roughly rectangular shape with an existing office building, vehicle maintenance building, and sorting areas. The topography generally slopes toward a drainage ditch along the southern property boundary that flows west to the Boggy Creek Canal. The property is relatively flat with an elevation of approximately 95 feet NGVD. Access will be off of 7<sup>th</sup> Street along the southern portion of the property. A site location map is provided as Figure 1.

#### 2.2 SOILS

According to the SCS Soil Survey of Orange County, Florida (August, 1989) the soils on the site consist of St. Johns fine sand (Map ID 37) and Smyrna fine sand (Map ID 44). Most of the eastern portion of the site is listed as Water (Map ID 99).

St. Johns fine sand is a poorly drained, nearly level soil on broad flats on the flatwoods. In most years the seasonal high water table is within 10 inches of the surface for 6 to 12 months and between depths of 10 and 40 inches for more than 6 months. In rainy periods, it rises to the surface for brief periods. The available water capacity is medium in the surface layer, very low to low in the subsurface layer and substratum, and medium to very high in the subsoil. The permeability is rapid above the subsoil and moderately slow to moderate in the subsoil. This soil occurs along the western property boundary.

Symrna fine sand is a nearly level and poorly drained soil on broad flatwoods. In most years, the seasonal high water table is within 10 inches of the surface for 1 to 4 months and recedes to a depth of 10 to 40 inches for more than 6 months. The available water capacity is low to very low above the subsoil and medium in the subsoil. The permeability is rapid above the subsoil and moderate to moderately rapid in the subsoil. This soil occurs in the west-central portion of the property. The SCS Soil Survey map of the area is provided in Figure 2.

The water designation for the eastern portion of the site has been reclaimed with clean fill and debris to match surrounding grades since the soil survey date.

### 2.3 GEOLOGY

The property is located on the edge of the Osceola Plain physiographic. Based on USGS Map Series No. 110, the site is located in an area consisting of mainly incohesive and permeable sand where sinkholes are few, shallow, of small diameter, and develop gradually. Surficial sediments in the area consist of undifferentiated sand, silt, and clay, which comprise the surficial aquifer system. Underlying the surficial sediments is the Hawthorn Group, which consists of marine interbedded sands and clays that are often phosphatic and functions as an aquitard between the surficial and Floridan aquifers. Underlying this confining layer is a thick sequence of limestone and dolomite (Ocala Limestone, and Avon Park Formation) which comprises the Floridan aquifer system (SJRWMD Special Publication No. SJ 92-SP17, 1992).

### 2.4 FLOODPLAIN AND WETLANDS

A flood insurance rate map produced by the Federal Emergency Management Agency is provided as Figure 3. The map shows that the entire property is located within the 500-year floodplain, and the western half of the property is located within the 100-year floodplain.

A wetlands map taken from the National Wetlands Inventory is provided in Figure 4. The map shows that most of the eastern half of the property is classified as a wetland. However, during previous development, the portion of the wetland on the site was filled to surrounding grade with clean debris and partially covered with concrete.

## SECTION 3

### MATERIAL AND FACILITY DESCRIPTION

#### 3.1 DESCRIPTION OF MATERIAL TO BE PROCESSED

The material delivered to the site will consist of Class III waste, as defined in FAC 62-701.340. Class III material includes: yard trash, concrete, asphaltic concrete, wood wastes, building debris, cardboard, carpet, cloth, paper, glass, metal, plastic, waste tires, asbestos, carpet, and furniture, and could be source separated or mixed load. However, asbestos materials will not be processed at the Facility. Mixed materials are defined as the products that are combined at the originating site then brought to this facility to be separated. Source separated materials are defined as products that are brought to the site in separate bins for direct processing. The main sources anticipated for the recycled Class III wood products are wood pallets, C&D waste, raw plywood, and yard trash.

Arriving loads will be inspected to determine their suitability and acceptability. Acceptable loads will be visually identified, and the weight will be recorded based on the onsite scales. The loads will be directed to a mixed material sorting area, for separation and transfer to the appropriate bins. Processing will include sorting of mixed loads, compacting of cardboard, and chipping of wood material. The final cost per load will be based the weight (tons) and the initial identification and subsequent notations made during the off loading process.

#### 3.2 QUANTITY PROJECTIONS

The future demand for recycled Class III waste material is expected to increase. Material types will be limited to the processing capabilities of this site. The three primary operations will be sorting, compacting, and chipping. Estimated demands, may require managing approximately 3,000 cyds (1,000 tons) per average operating day, with a maximum of 4,242 cyds (1,400 tons) per day of Class III waste. This production rate of 77 to 108 tons per hour is well within the stated equipment capacities. All equipment specified for this site exceeds this initial anticipated average production rate. The equipment production capacities are 50 tons per hour for the sorter, 20 tons per hour for the cardboard compactor, and a minimum of 32 to 45 tons per hour for the wood chipper, depending on the type of material.

### 3.3 OPERATION AND FUNCTION OF PROCESSING EQUIPMENT

The site operation will consist of a sorting, cardboard compacting, wood chipping, and site material handling equipment. Supporting equipment will consist of a maintenance repair building and finished product storage bins. The material will be brought to the site and inspected before entering the processing area. Once inside the site, it will be transferred to a mixed material sorting area for separation and transfer to the appropriate bins. Once filled, the bins will be transferred to a holding area to await pickup. Wood material will be chipped to produce mulch and sold. Recovered materials (glass, metal, plastic, etc.) will be sold to local vendors.

### 3.4 EXPECTED REGULAR FACILITY OPERATIONS

The site is intended to operate from Monday through Saturday from 6:00 a.m. to 7:00 p.m. During non-day light hours, lighting will be provided by 400-watt, yard lights, mounted on light poles surrounding the tipping floor. All lights will be weather proof and sealed to prevent a dust explosion. Site operations will require a staff of 13 yard and equipment operators and office staff, including a Facility Manager (1), Yard Supervisor (1), spotters (2), sorters (4), maintenance personnel (2), an equipment operator (1), a gate attendant (1), and an administrative assistant (1). As discussed previously, the material will be inspected and brought onto the site for sorting and processing. The traffic layout allows trucks to circulate through the site and either drop material at the sorting zone or pick up processed material bins. Once loaded or unloaded the trucks will exit onto 7<sup>th</sup> Street.

Unmarketable recyclables and residue will be placed in specified containers and be disposed of offsite in a permitted Class III or C&D Landfill, as indicated in Table 1.

Start up and shut down of the processing plant will consist of operation of the loaders, sorting, compacting, or chipping equipment when necessary. No other processing equipment is required for this operation, therefore, startup and shutdown is simple. During off-hours the site will be secured by a locked fence, which encloses the site. The gates will only be open during operating hours.

Standard safety protection will be maintained as required to operate the equipment. Additional safety procedures for site processing will be followed to protect the operators and equipment. This equipment includes ear protection, hard hats, eyewear and nose and mouth guards. The operators will be trained by the manufacturer so that they are aware of the proper way to safely

operate the equipment. Fire safety for the site includes: standard fire protection for the office trailer in compliance with Orange County Fire Protection regulations, and fire extinguishers mounted to each piece of equipment. Fuel for the equipment will be by a service, which will come to the site once daily. This service will fuel the equipment as necessary during their scheduled visit. Vehicle maintenance will be performed in the onsite maintenance building, which is located in the southeast corner of the site.

### 3.5 DESCRIPTION OF LOADING, UNLOADING AND PROCESSING AREAS

The loading, unloading and processing areas on the site are indicated on the Site Plan. These areas are specifically designated for material handling and processing as labeled. Instructions for the drivers will include the appropriate area to drop off the waste material. The average processing rates are 50 tons per hour for the sorter, 20 tons per hour for the cardboard compactor, and a minimum of 32 to 45 tons per hour for the chipper depending on the type of material. Safety equipment for those who perform the manual separation includes hard hats, eyewear, steel toe shoes, and gloves. These areas will be constantly maintained so that the accumulation of material will not exceed the capacity of the corresponding processing rate.

### 3.6 PROVISIONS FOR SOLID WASTE AND LEACHATE CONTAINMENT

As described earlier, all material will be inspected prior to unloading to identify any unacceptable wastes. If any unacceptable solid waste is visible, the truck will be turned away. Unacceptable solid waste that is a part of the mixed load will be separated, placed in an on-site container, then hauled to an approved landfill. The recycling process does not have leachate as a by-product of the operation since no liquids are used for recycling the materials. Class III and C&D wastes will be deposited onto a concrete tipping pad to prevent waste contact with the ground and to assist leachate containment.

## GROUNDWATER MONITORING PLAN

### 3.7 CONTINGENCY PLAN

In case of a natural disaster, measures have been designed to minimize effects to the equipment and processing. In case of a fire, a clear zone of approximately 10 to 15 feet around the processed and unprocessed materials will be maintained so that protection can be accessed. All equipment and office will be relocated above the 100-year flood plain as published by FEMA



(Figure 2). In the event of an impending natural disaster, the Facility will stop receiving debris, and operations will be maintained on a limited basis, dependent upon the Facility Manager's determination, to continue removal of debris from the Facility. If evacuation is deemed necessary, personnel will be directed to meet at the main office to account for each person and then the employees will be directed to leave the Facility.

Sufficient backup equipment will be available for equipment breakdowns and downtime for normal routine equipment maintenance. In case of major equipment failure (both primary and backup equipment fail), arrangements with contractors and rental equipment dealers will be made to furnish equipment on a short-term basis, and applicable Facility operations will cease until equipment capacity is retained by renting the necessary equipment.

### 3.8 CLOSURE PLAN

The closure of the Facility will include removal of the operational equipment, which is completely mobile by design. Any remaining materials will be removed and hauled to an appropriate processing site or landfill. To protect the State from bearing the cost of potential cleanup activities, a Performance Bond in the amount as shown in Attachment G will be posted at the time of permitting. The purpose of the Bond is to provide for cleanup of the site, if the permittee does not perform.

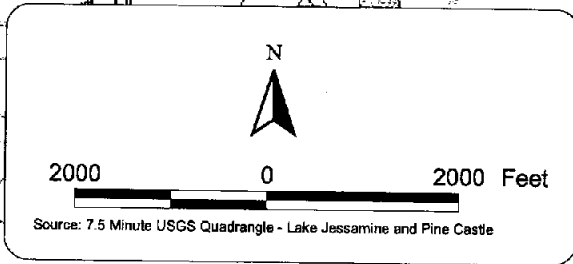
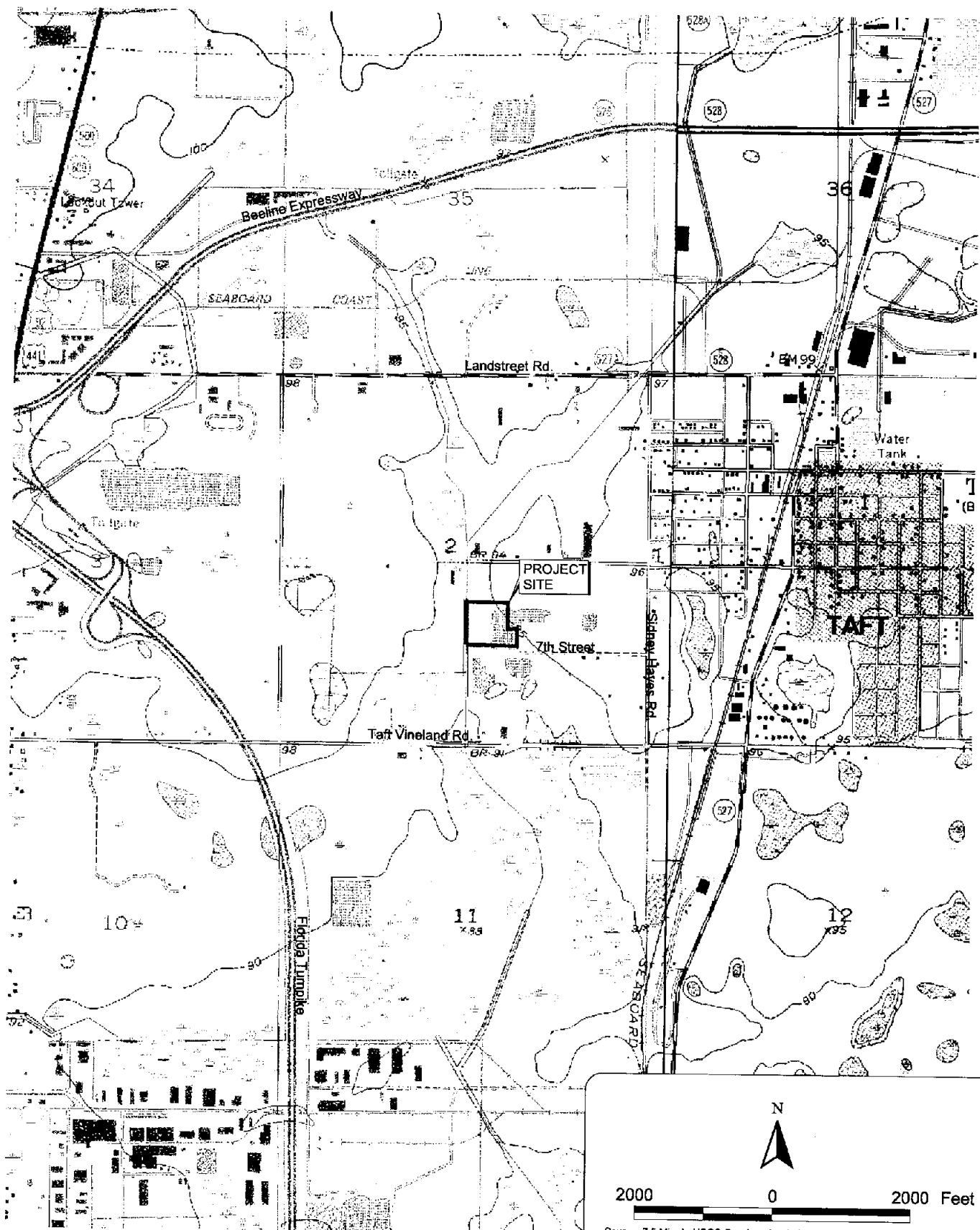
The approved closure steps include notifying the Florida Department of Environmental Protection (FDEP) at least 180 days prior to closure. The cleanup is to be completed within 30 days of the final close date. Closure will be completed within 180 days after the final waste load is received. At that time, a closure report is to be issued to the FDEP to allow time for a site inspection and closure certification.

TABLE 1

**MATERIAL DISPOSITION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

Material Type	Maximum Storage Quantity	Density (lbs/CY)	Covered or Uncovered	Method of Storage	Disposal/Recycling Location
Unprocessed Class III	700 CY	400	Uncovered	Concrete Pad	Class III Landfill
Unprocessed C&D	700 CY	667	Uncovered	Concrete Pad	C&D Landfill
Yard Trash	15,000 CY	296	Uncovered	Open Ground	Re-Sale Public
Recovered Concrete	10,000 CY	4,000	Uncovered	Open Ground	Re-Sale Public
Asphaltic Concrete	2,500 CY	1,380	Uncovered	Open Ground	Re-Sale Public
Roofing Tiles	200 CY	2,000	Uncovered	Open Ground	Re-Sale Public
Recovered Cardboard	60 CY	100	Uncovered	Roll-off	Re-Sale Public
Paper	60 CY	600	Covered	Roll-off	Re-Sale Public
Metal Ferrous	60 CY	400	Uncovered	Roll-off	Re-Sale Public
Metal Aluminum	60 CY	250	Uncovered	Roll-off	Re-Sale Public
Glass	60 CY	1,000	Uncovered	Roll-off	Re-Sale Public
Plastic	60 CY	75	Uncovered	Roll-off	Re-Sale Public
Recovered Wood	1,000 CY	600	Uncovered	Open Ground	Re-Sale Public
Tires	30 CY	100	Uncovered	Roll-off	Re-Sale Public
Class I Unacceptable/ Putrescible	10 CY	1,250	Covered	Container	Orange County Class I Landfill
Waste Oil/ Hazardous Waste-Rejected	55 Gallons	825	Covered	Concrete Pad	Safety Klean
RSM	60 CY	1,000	Uncovered	Roll-off	Re-Sale Public

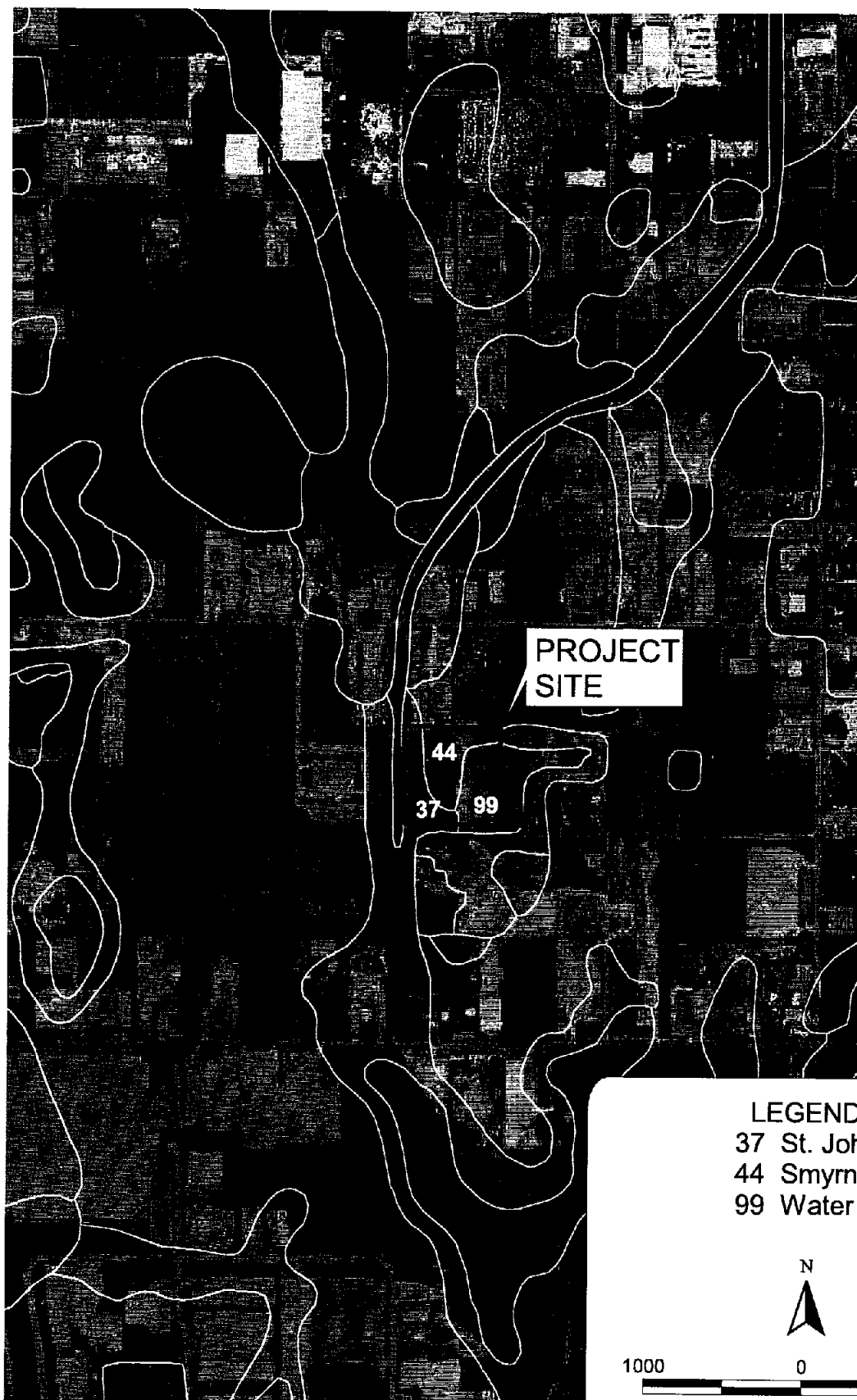
Note: Storage Location of Material is shown on the Site Plan.



**HARTMAN & ASSOCIATES, INC.**  
 engineers, hydrogeologists, surveyors & management consultants  
 201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
 TELEPHONE (407) 839-3955 - FAX (407) 839-3790

**SITE LOCATION MAP**  
**SOUTH ORLANDO TRANSFER STATION**  
**TAFT RECYCLING, INC.**  
**TAFT, FLORIDA**

**FIGURE**  
**1**



PROJECT  
SITE

44  
37 99

LEGEND

37 St. Johns  
44 Smyrna  
99 Water



1000 0 1000 Feet

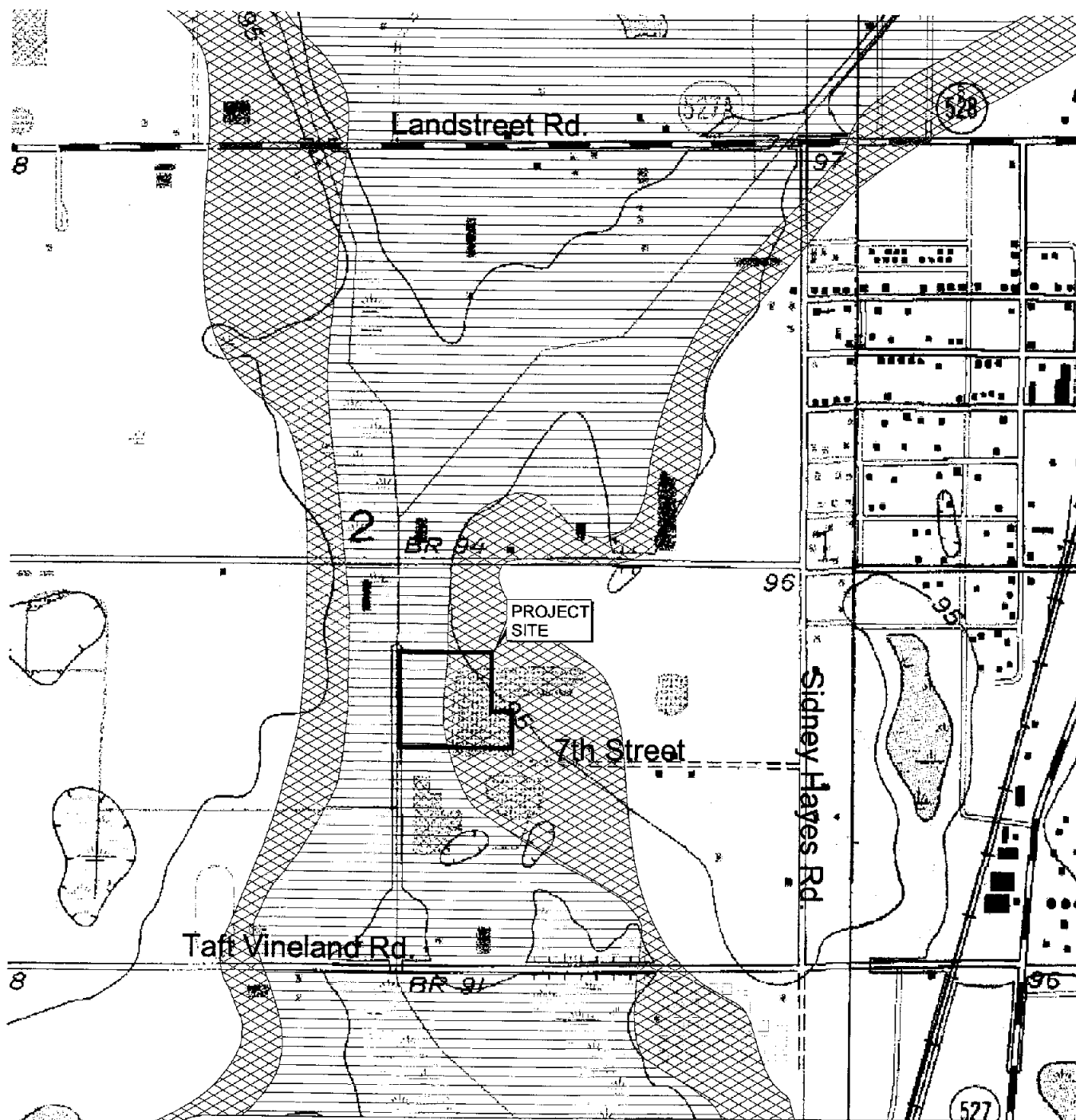
Source: USGS DOQQ and Orange County Soil Survey





**HARTMAN & ASSOCIATES, INC.**  
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201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 - FAX (407) 839-3790

**SCS SOIL SURVEY  
SOUTH ORLANDO TRANSFER STATION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

**FIGURE  
2**



**FEMA Zones**

-  A - Areas within 100-year flood extent
-  X500 - Areas outside 100-year flood extent, but within 500-year flood extent

1000 0 1000 Feet

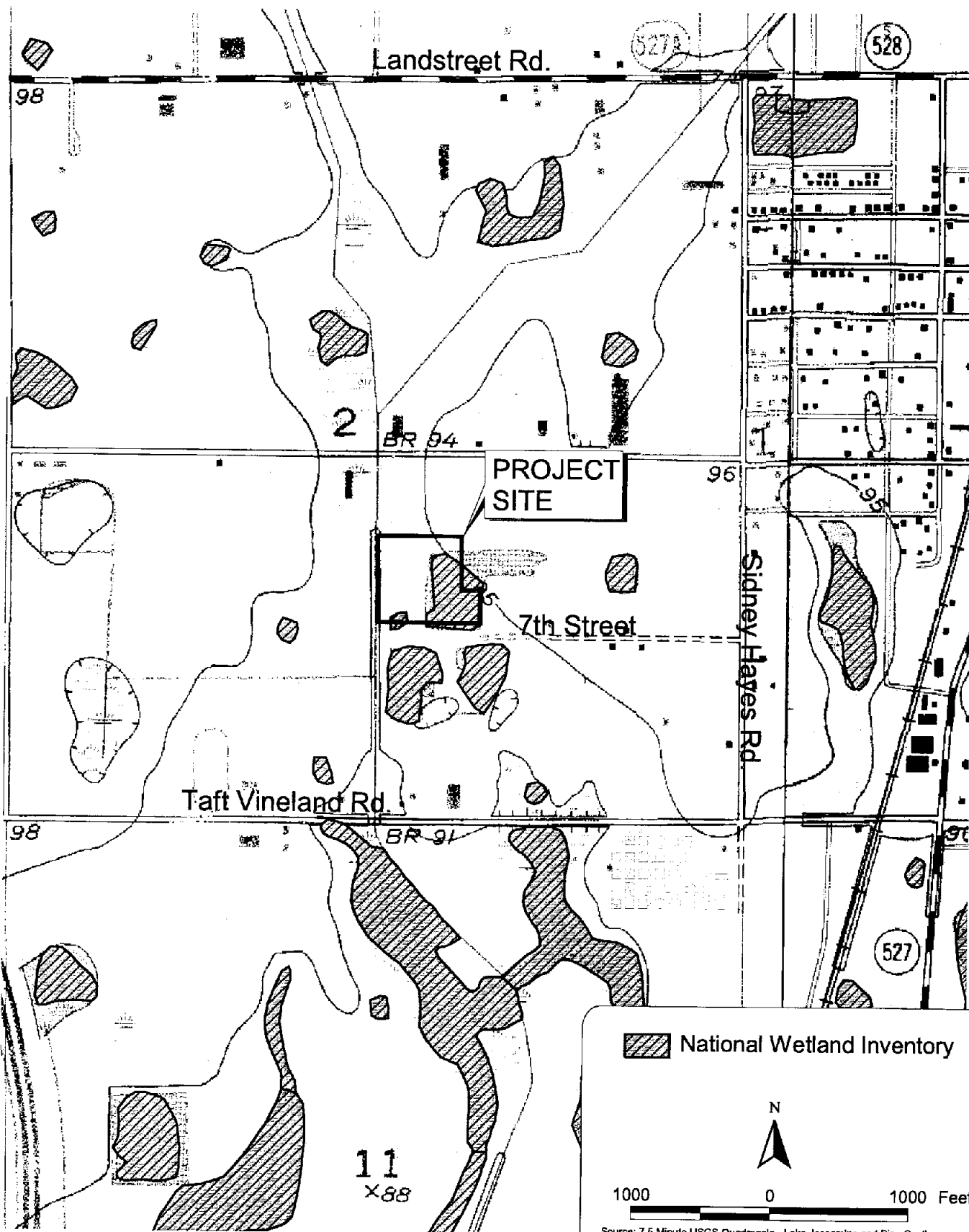
Source: 7.5 Minute USGS Quadrangle - Lake Jessamine and Pine Castle



**HARTMAN & ASSOCIATES, INC.**  
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201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
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**FEMA FLOOD INSURANCE RATE MAP**  
**SOUTH ORLANDO TRANSFER STATION**  
**TAFT RECYCLING, INC.**  
**TAFT, FLORIDA**

**FIGURE**  
**3**



**HARTMAN & ASSOCIATES, INC.**  
 engineers, hydrogeologists, surveyors & management consultants  
 201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
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**NATIONAL WETLAND INVENTORY**  
**SOUTH ORLANDO TRANSFER STATION**  
**TAFT RECYCLING, INC.**  
**TAFT, FLORIDA**

**FIGURE**  
**4**

**APPENDIX A**

**SITE PLAN**

**ATTACHMENT B**  
**OPERATIONS PLAN**

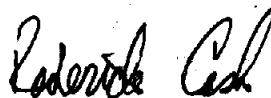


**OPERATIONS PLAN**

**SOUTH ORLANDO TRANSFER STATION  
CLASS III MRF PERMIT APPLICATION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

**PREPARED FOR:**

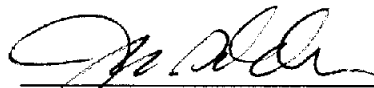
**TAFT RECYCLING, INC.  
1099 MILLER DRIVE  
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Roderick K. Cashe, P.E.

Date 8/22/00

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James E. Golden, P.G.

Date 8/18/00

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201 E. PINE STREET, SUITE 1000  
ORLANDO, FLORIDA 32801**

**AUGUST 2000**

**HAI #99-202.07**

**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
OPERATIONS PLAN**

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**TAFT RECYCLING, INC.  
SOUTH ORLANDO TRANSFER STATION  
TAFT, FLORIDA  
PERMIT APPLICATION**

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**LIST OF APPENDICES**

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## **SECTION 1 GENERAL**

### **1.1 PURPOSE**

The purpose of this manual is to describe the operation and maintenance procedures for the Taft Recycling, Inc. Class III Recycling Facility (Facility) in Taft, Florida. The Facility will include processing and storage areas for Class III materials and maintenance operations. Materials excepted at the site include yard trash, concrete, asphaltic concrete, wood wastes, building debris, cardboard, carpet, cloth, paper, glass, metal, plastic, waste tires, carpet, and furniture.

### **1.2 PROCESS OVERVIEW**

All waste entering the Facility will follow a process of identification and sorting immediately upon arrival at the site. If the material is unauthorized, the driver will be directed to a solid waste management facility which is permitted to handle the type of material rejected. Appendix A contains a list of typical unauthorized materials for the Facility.

Upon acceptance, the truck will be weighed and directed to the processing area located on-site, where the waste will be placed on a tipping floor. The waste will undergo sorting operations in the form of placing the waste into a sorter with a conveyor belt where the material will be downsized and hand sorted. Unsuitable materials (i.e. paint containers, oil containers, etc.) will be placed in roll-off bins, as shown on the Site Plan, and transported off-site for proper disposal within the time period shown on the table in Appendix B. Recoverable (paper, plastic, cardboard, metal, etc.) and recyclable (wood and concrete) materials will be removed for recycling. The cardboard will be placed into a compactor, and the wood will be placed in a chipper.

Once the waste has been sorted, unacceptable waste or rejected Class III wastes will be transported to the disposal facilities listed in Appendix B.

A facility Operations Flow Chart is included in Appendix C.

### 1.3 MANAGEMENT AND OPERATIONS PERSONNEL

Personnel trained for handling and processing of Class III material will be designated to operate the Facility. Taft Recycling, Inc. will have certified operators on staff. The certification for the Facility Manager will be provided upon hiring. The Regional Manager is responsible for overseeing operators of Taft Recycling, Inc. facilities within the region. Overall management of the Facility and general direction of the Facility operations will be the responsibility of the Facility Manager, whose office will be located on-site. The Facility Manager's responsibilities include:

- Managing environmental compliance for the Facility;
- Managing personnel requirements for the Facility, including hiring of supervisory and operating personnel, and providing for their training and orientation;
- Ascertaining the operation and maintenance needs for the Facility;
- Implementation of the Operations and Maintenance Plan for the Facility; and
- Implementation of Equipment Maintenance Plans.

In the absence of the Facility Manager, duties and responsibilities of the Facility will be performed by the Yard Supervisor. The Yard Supervisor's additional responsibilities include:

- Supervising the tipping floor;
- Supervising the placement of materials;
- Supervising heavy equipment operations; and
- Spotting loads.

Two spotters will be employed to pre-check each incoming load for concealed drums and other suspect waste and to handle sorting operations. Support staff, such as sorters (4), gate attendant (1), administrative personnel (1), equipment operators (1), and maintenance personnel (2) will be employed to facilitate operations at the Facility.

#### 1.4 TRAINING PROGRAM

In-house and publicly available training will be obtained to ensure that operators and spotters are properly trained to operate the Facility and to identify and manage unacceptable materials entering the Facility. This plan is designed to fulfill the requirements of F.A.C. 62-701.730(8).

In-house training will be provided on an as-needed basis, generally when new operators and spotters are hired. Publicly available training is provided on a schedule, which complies, with Chapter 62-701.730(8). This will include 20 hours of operator training and 8 hours of spotter training to instruct in the proper operation of the Facility and provide instruction in identifying unacceptable materials, especially materials that qualify as a hazardous waste.

Once every three years, each operator will complete 15 hours of additional course work as a refresher to the initial training and to learn new operation procedures and information related to waste identification. Spotters will receive 8 hours of course work every three years as a refresher. The course work will be selected from courses available through the University of Florida TREEO Center that meet the needs of the Facility. These may include "Waste Screening and Identification for Landfill Operators and Spotters," "Spotter Training for Construction and Demolition Sites," "Construction and Demolition Waste Recycling," "Developing a Useable Operations Plan," "Four-hour Spotter Training Refresher for Construction and Demolition Sites," and "Hazardous Materials in Construction and Demolition Wastes" courses, as well as specifically designed courses for recycling facility operators which the Solid Waste Association of North America (SWANA) and The University of Florida Center for Training, Research and Education for Environmental Occupations (TREEO) are developing.

Records documenting the above training will be made available at the Facility and the office of the Facility Manager. A copy of the training log is provided in Appendix D.

#### 1.5 EMERGENCY TELEPHONE NUMBERS

Emergency telephone numbers are included in Appendix E.

## 1.6 EMERGENCY AND CONTIGENCY PLAN

In the event of inclement weather, accidents, fires, and equipment breakdowns, the appropriate provision of the contingency plan will be implemented immediately. Amendments will be made to this plan if the Facility design, operations or maintenance procedures change.

Incidents, which might require the assistance of outside emergency response agencies, will be handled by conventional means. In the event of a natural disaster, operations at the Facility shall cease and the Facility evacuated until the Facility Manager has deemed the area safe for contingency operations. The evacuation plan includes gathering all personnel on the site at the main office to account for everyone's whereabouts before dismissing the employees and directing them to leave the property. If time allows, operations will be maintained on a limited basis (no incoming debris), dependent upon the Facility Manager's determination, to allow continued removal of debris off the property.

### 1.6.1 Inclement Weather Operations

Litter control at the Facility will occur on a continuous basis during operating hours as a component of the site maintenance program.

### 1.6.2 Personal Injury Accidents

In the event of a personal injury at the Facility, the nature and extent of the injury will be assessed to the extent possible by the on-site personnel and emergency first aid techniques administered by appropriately trained personnel as necessary. If the injury appears to require professional medical attention, emergency assistance will be summoned. If the injury requires non-emergency medical attention, the injured party will be transported by conventional means to a place of professional medical care, i.e., hospital, emergency room, doctor's office, or clinic. In all cases, the Facility Manager will be notified.

### 1.6.3 Vehicular Accidents

In the event of a vehicular accident at the site, a determination will be made regarding the feasibility of safely moving the vehicle(s) under their own power. If possible, the vehicles will be moved out of the way of normal traffic flow. If the vehicles cannot move under their own power

and the vehicles are interrupting traffic flow, the vehicles will be pushed out of the way using on-site equipment. The Facility Manager will be notified and arrangements to have the disabled vehicles removed will be made in accordance with the directions of the Facility Manager.

#### 1.6.4 Fire

In case of a fire, a fire hydrant is located within 2000 feet of the proposed processing area. Water service on the site is supplied by the City of Taft. Fire extinguishers will also be located within the processing area and on all equipment.

Larger fires located anywhere on the site will be sprayed with water. The primary emergency phone number (911) and the Fire Department will be called immediately to respond to large fires.

During a fire, all placement of combustible waste in the immediate area of the fire will be suspended. Placement of combustible waste in the area of the fire can only resume after a thorough inspection by the Facility Manager.

In the event of a fire in or on facility equipment, the following procedures will be followed by the equipment operator or other nearby facility personnel:

- Activate the on-board fire suppression equipment;
- If possible, safely move the equipment away from the fire immediately, shut off the engine, and drop blade;
- Signal other operators in the immediate area of the fire via radio or by hand signals;
- Evacuate the vehicle; and,
- Extinguish any reoccurring fires with the fire suppression equipment on the facility vehicles.

Charged and tested fire extinguishers will be located throughout the Facility, including the tipping floor, maintenance building, office and in some cases, the equipment (i.e., sorter, dozers and trucks) carry them.



There will be no open burning at the Facility. Any accidental fires that take more than one hour to extinguish shall be promptly reported to the County and FDEP.

#### 1.6.5 Hot Loads

Any hot load (of authorized material) identified will be dumped in an area away from the active processing area, see Site Plan. The load will immediately be covered with fines if a fire is imminent. The waste will not be processed until it has cooled completely, and the fire hazard has been mitigated.

#### 1.6.6 Spills

No hazardous wastes are to be accepted at the Facility. The Yard Supervisor, spotters, and equipment operator will be responsible for spotting concealed drums or other suspect wastes. In the event waste materials of questionable nature are unloaded before they are spotted by Facility personnel, the source of the debris will be recorded, and the Facility Manager shall be immediately notified to determine the appropriate action.

Despite these precautions, if hazardous waste, fuel, or oil is spilled at the site, absorbent material will be placed to contain the spill. The Facility Manager will be notified immediately in the event a spill occurs. During the operational hours of the Facility, at least one person who is trained in the spill plan procedures will be on-site. In case of a spill, the following spill contingency plan will be implemented.

1. In case of, or as soon as any spill is observed, the source of the spill will be located and actions taken to prevent further spillage, if possible;
2. Valves, pumps, and electrical equipment will be shut off as appropriate;
3. Potential ignition sources will be removed from and restricted from entering the area of the spill;
4. Existing floor drains, sumps, and storm drains will be covered or a temporary dike constructed;

5. Absorbent socks/booms will be used where appropriate. A spill response firm will be contacted, if necessary, to assist in these activities. The spill response firm will provide sampling and analysis for spill cleanup materials;
6. All absorbed material or contained liquid will be removed and packaged in Florida Department of Transportation (FDOT) approved containers (55-gallon drums). Used Absorbent materials should be packaged separately from liquids; and,
7. All containers used for the disposal of petroleum spill response debris will be labeled with type of waste determined by visual inspection and laboratory testing, and the start date of accumulation and disposed in accordance with Federal and State environmental regulations. Debris from large spills will be removed immediately by the spill response firm. Debris from small spills will be kept in one 55-gallon drum, in the processing area, for approximately one week.

The following spill clean up equipment will be maintained at the Facility:

- Spill response kit capable of containing a spill of at least 25 gallons will be located in the processing area. This kit includes absorbent spill pads, socks, and/or booms;
- An adequate amount of nitrile gloves, nitrile or rubber boots and other personal protective equipment;
- First aid kit and eye wash; and,
- Fire extinguishers.

#### 1.6.7 Equipment Failure

Sufficient backup equipment will be available for equipment breakdowns and downtime for normal routine equipment maintenance. In case of major equipment failure (both primary and backup equipment fail) the following procedures will be followed:

1. Arrangements with contractors and rental equipment dealers will be made to furnish equipment on a short-term basis. Equipment will be available within one to two hours; and,
2. Applicable Facility operations will cease until equipment capacity is retained by renting the necessary equipment.

#### 1.7 WASTE-TYPE CONTROL PLAN

Emphasis will be placed on controlling the types of waste unloaded within the Facility. Each load will be visually screened, to the maximum extent practical, by the Yard Supervisor for unauthorized wastes (batteries, drums, household garbage bags, gas cans, oil cans, paint cans, etc.) before unloading.

A 4-foot by 8-foot painted sign will be constructed at the entrance to the Facility, which will indicate the types of waste allowed, see Appendix F. The sign will include a notice that attempting to unload unauthorized waste will result in the delivery personnel having to reload the waste and remove the waste from the site.

Taft Recycling, Inc. will have two full-time spotters on the tipping floor when waste is received and processed who will be trained in identifying hazardous waste and wastes unsuitable for processing within the Facility.

In the event waste not suitable for processing within the Facility is observed by any spotter, sorter, or equipment operator, the spotter, sorter, or equipment operator will be responsible for isolating the suspect waste. The rejected waste will be loaded into the proper container for disposal off-site and recorded in a log, see Log Form in Appendix G. The containers will be located adjacent to the tipping floor, as shown in the Site Plan.

Reasonable effort will be made to prevent the delivery of unauthorized waste to the Facility. In the event unauthorized waste is delivered to the Facility, it will be handled in accordance with applicable laws. Unauthorized waste will not be processed at the Facility.

## 1.8 WEIGHING AND MEASURING INCOMING WASTE

All incoming waste will be weighed prior to processing at the Facility. All records will be retained by Taft Recycling, Inc. at the Facility's administrative office.

The records will be available to the County and FDEP personnel upon request. Report outputs can include daily, month-to-date and year-to-date totals of waste received from various haulers.

## 1.9 VEHICLES TRAFFIC CONTROL AND UNLOADING

Ingress and egress to the Facility will be limited to 7<sup>th</sup> Street. The entrance road exists from the Facility entrance gate located near the southwest property corner and extends through the scale to the tipping floor and around to the exit (north of the entrance). The entrance and exit roads will be accessible in all weather conditions. Lockable gates will control access to the site.

Taft Recycling, Inc. personnel will direct incoming truck traffic to expedite safe movement of vehicles within the Facility. Traffic will be directed as necessary to prevent dangerous traffic conditions and to assure that any back up of in-bound vehicles is kept off of the public right-of-way.

## 1.10 ODOR

Action shall be taken to prevent fugitive odors and particulates from creating nuisance conditions. These steps include the following:

- Rejection of unacceptable waste that would create odors;
- Removal from the site of putrescible or other rejected waste that could cause odor problems within 48 hours; and,
- Active management of recycled materials.

#### 1.11 DUST

The following steps will be taken to minimize fugitive dust emissions at the Facility:

- Sprinkling roadways, stockpile areas, and processing areas with water as necessary.

#### 1.12 LITTER

The site will be inspected daily for litter. Litter will not be allowed to accumulate, but will be picked up daily and removed from the property. Additional litter fencing will be constructed as needed to control blowing litter.

#### 1.13 VECTOR CONTROL

The following steps will be taken to minimize vectors at the site:

- Unacceptable (putrescible) wastes will not be accepted at the Facility;
- Rejected wastes will be promptly removed and disposed of at an appropriate disposal facility. Rejected waste will be removed within one week;
- Putrescible Class I waste will be disposed of off-site within 48 hours;
- Non-active portions of the site will be kept mowed and free from debris accumulation; and,
- If needed, pesticides will be used in accordance with Florida Department of Agriculture rules and standards.

#### 1.14 HOURS OF OPERATION

The Facility will be open Monday through Saturday from 6:00 a.m. to 7:00 p.m. During non-day light hours, lighting will be provided by 400-watt, yard lights in the processing area. All lights will be weather proof and sealed to prevent a dust explosion.

## 1.15 ACCESS CONTROL AND SITE SECURITY

Access to the Facility will be controlled by a 6-inch chain-link perimeter fence. Security will be maintained by locking the entrance and exit gates during the times the Facility is not operating. Semi-annual inspections of the fence will be conducted to identify locations in need of repair.

## 1.16 EQUIPMENT AND OPERATION PROCEDURES

The Facility is expected to operate with the following equipment:

- Fork Lift – Primary;
- Front-End Loader – Primary;
- Front-End Loader - Back-up;
- Excavator – Primary;
- Delivery Trucks (24) - Primary and Secondary;
- Tromell Screen – Primary;
- Sorter – Primary;
- Compactor – Primary;
- Miscellaneous Containers/Bins (15); and
- Mobile Tub Grinder – Primary.

All of the equipment on the site will be owned by Taft Recycling, Inc. Details on the excavator, compactor, and tub grinder (chipper) are provided in Appendix H.

Where appropriate, equipment will be fitted with safety cabs, fire extinguishers, and radio communication equipment. The radio equipment will also be stationed in the administrative offices located on-site, along with telephone service.

The on-site administrative offices will include potable water, sanitary facilities, emergency first-aid supplies, and electricity. The building also will provide shelter for employees during inclement weather conditions.

Maintenance to the equipment will be accomplished on-site in a facility equipped with spare parts, tools, and electrical service. The processing area will contain a tipping floor (concrete slab), sorter, and storage areas.

#### 1.17 CLOSURE PLAN

Taft Recycling, Inc. will notify the County and FDEP of the pending Facility closure a minimum 180 days prior to shutting down the site. Upon application for closure construction, Taft Recycling, Inc. will submit information on waste removal and equipment removal. Within 30 days after receiving the final waste load, all waste and recoverable/recyclable materials will be removed from the site. Closure will be completed within 180 days after the final waste load is received and will include removal of all recovered/recycled materials. A table listing the storage quantities, method, and time is provided in Appendix B. The Closure Cost estimate is provided in Attachment G.

#### 1.18 NOTICE OF VIOLATION

The Facility Manager will provide immediate notice to the Regional Manager, in the event Taft Recycling, Inc. is notified by Federal, State or local governmental agencies or officials regarding violations of any permits or approvals held by Taft Recycling, Inc. relating to the operation and use of this Facility. The Regional Manager will respond appropriately to the various agencies.

## SECTION 2

### CLASS III RECYCLING FACILITY

#### 2.1 PURPOSE

The Class III Recycling Facility processes the incoming material to remove that portion of the waste that has an end-use market. Residuals from the recycling facility are disposed of at appropriate disposal facilities.

#### 2.2 START UP AND SHUT DOWN PROCEDURES

Start-up procedures will consist of the Facilities Manager inspecting the processing and storage areas for safety purposes. Equipment will be turned on and allowed to warm up if necessary. Material containers (rejected waste, unauthorized waste and all other containers/bins) will be inspected to verify ample storage capacity for the day's activities as well as condition of the containers. In the event that the storage capacity or condition of the container is inadequate, a spare container will be used.

The Facility plans to clear the tipping floor of wastes each day, depending on the availability of personnel, equipment, off-site waste transport and waste intake rates. At the end of each workday, any unprocessed material will be left on the tipping floor for next day's processing. The processed material will be contained within the confines of the designated storage locations (i.e., containers, bins, and tipping floor).

#### 2.3 SORTING OPERATIONS

Within the processing area, an excavator and front-end loaders equipped with buckets or clamps will place the material into a sorting machine. Personnel will be available to hand sort the materials once the machine has removed the fines and reduced the material size. Sorted material will be placed in appropriate containers for recycling or disposal off-site. The containers include sixteen 30-yard containers for primary and backup use. Nine containers will be used in the sorting process (glass, paper, plastic, metal, wood, concrete, cardboard, RSM (fines), and rejected material).



Personnel will operate on an 8 to 10 hour shift with a lunch break in between and will be on the tipping floor at all times when waste is received or processed.

#### 2.4       LOADING, UNLOADING, AND PROCESSING AREA

As described in Section 1.2 and Section 2.3, the mixed waste will be unloaded onto the tipping floor and then placed into the sorter.

#### 2.5       LEACHATE COLLECTION AND DISPOSAL

The tipping floor consists of a 75-ft by 75-ft concrete pad. No leachate production is anticipated because the recycling process does not involve the use of water. Therefore, no leachate collection system is proposed.

#### 2.6       PROCESSED MATERIAL DISPOSAL PLAN

The processed (recycled/recovered) material is sold to a variety of different companies for many different uses. The most common uses are described below. After processing, woody waste will be chipped and sold for fill or mulch. Concrete will be crushed offsite and sold to the concrete industry. Cardboard and paper will generally be sold to a paper mill. Metal will be sold to scrap metal dealers, and glass will be crushed offsite and sold for fill material. Plastic will be sold to companies capable of recycling mixed plastic and the recovered screen material will be sold for daily cover material. The quantity and maximum storage time for each material is listed in the table in Appendix B. ??

#### 2.7       EQUIPMENT OPERATIONS AND MAINTENANCE MANUAL

Operations and maintenance for each piece of equipment will be in accordance to manufacturer's recommendations and manuals. Information sheets for the sorter, compactor, and tub grinder (chipper) are provided in Appendix H.

#### 2.8       STORMWATER MANAGEMENT

The Facility currently operates as a recycling facility and does not have a stormwater permit. Stormwater currently flows to a drainage ditch along the southern property boundary that flows to the west into the Boggy Creek Canal (Class III Water). Preliminary stormwater management

facilities are shown on the Site Plan, C-1. Stormwater system details will be developed during the ERP process.

## 2.9 RECORD KEEPING/SUBMITTALS

Record submittal requirements for the Class III Recycling Facility will be in compliance with the FDEP requirement for these facilities. The reporting requirements include submitting a report annually (by April 1) which summarizes the amounts and types of waste received and the amounts and types of wastes disposed of or recycled. The annual report will be submitted on the FDEP Form 62-701.900(7), per F.A.C. 62-701.730(12).

**APPENDIX A**

**UNAUTHORIZED MATERIALS**

## **APPENDIX A**

### **UNAUTHORIZED SOLID WASTES**

Typical unauthorized solid wastes includes:

- Hazardous wastes.
- Chemicals/solvents.
- Paint containers or paint.
- Medical wastes.
- Batteries.
- Household garbage.
- Fluorescent light bulbs.
- Oil containers.
- Class I.
- White goods.
- Appliances.
- Electronics.
- Auto parts.

**APPENDIX B**

**MATERIAL DEPOSITION**

TABLE 1

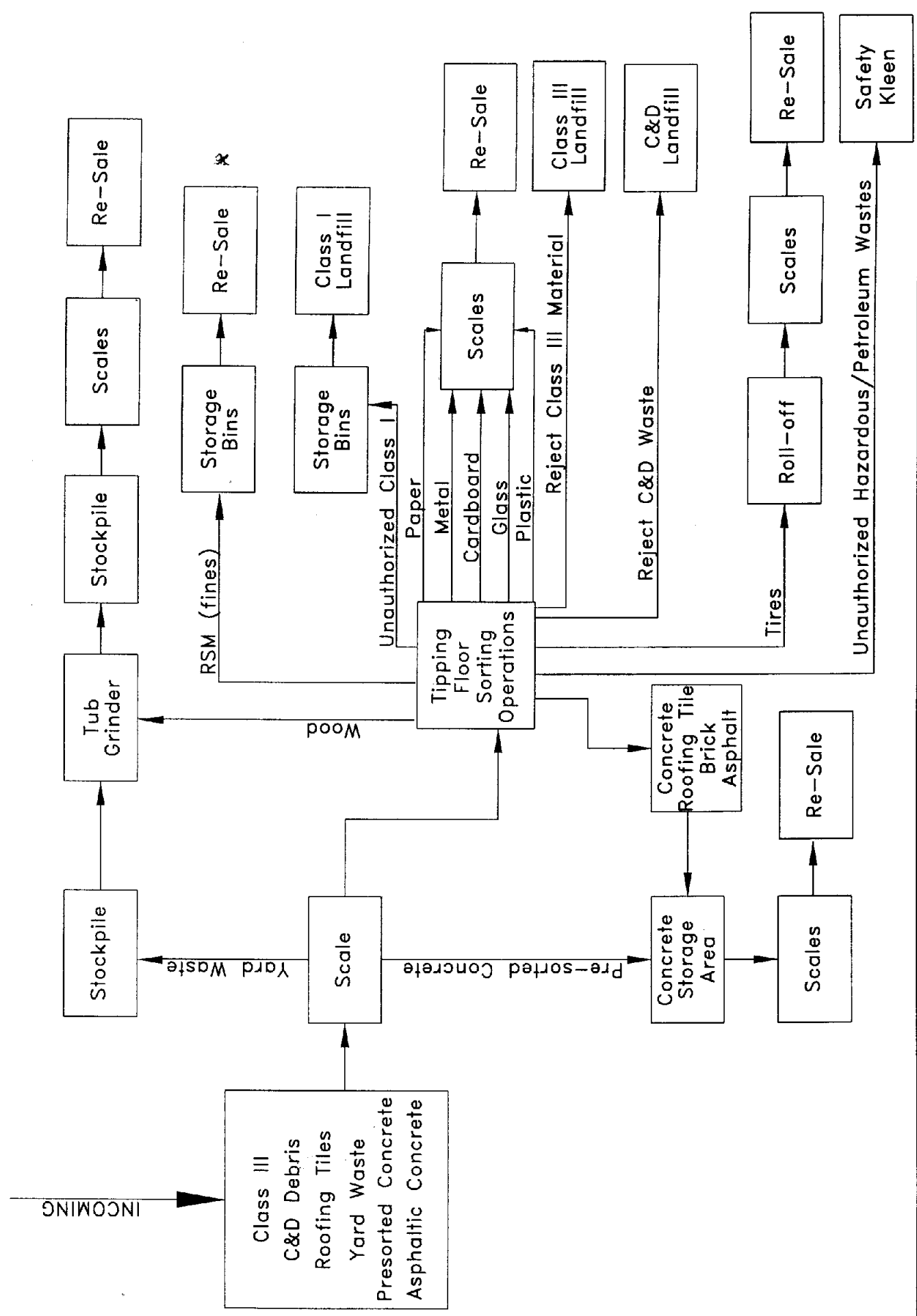
**MATERIAL DISPOSITION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

Material Type	Maximum Storage Quantity	Density (lbs/CY)	Covered or Uncovered	Method of Storage	Disposal/Recycling Location	Maximum Hold Time
Unprocessed Class III	700 CY	400	Uncovered	Concrete Pad	Class III Landfill	1 Week
Unprocessed C&D	700 CY	667	Uncovered	Concrete Pad	C&D Landfill	1 Week
Yard Trash	15,000 CY	296	Uncovered	Open Ground	Re-Sale Public	6 Months
Recovered Concrete	10,000 CY	4,000	Uncovered	Open Ground	Re-Sale Public	6 Months
Asphaltic Concrete	2,500 CY	1,380	Uncovered	Open Ground	Re-Sale Public	6 Months
Roofing Tiles	200 CY	2,000	Uncovered	Open Ground	Re-Sale Public	6 Months
Recovered Cardboard	60 CY	100	Uncovered	Roll-off	Re-Sale Public	6 Months
Paper	60 CY	600	Covered	Roll-off	Re-Sale Public	6 Months
Metal Ferrous	60 CY	400	Uncovered	Roll-off	Re-Sale Public	6 Months
Metal Aluminum	60 CY	250	Uncovered	Roll-off	Re-Sale Public	6 Months
Glass	60 CY	1,000	Uncovered	Roll-off	Re-Sale Public	6 Months
Plastic	60 CY	75	Uncovered	Roll-off	Re-Sale Public	6 Months
Recovered Wood	1,000 CY	600	Uncovered	Open Ground	Re-Sale Public	6 Months
Tires	30 CY	100	Uncovered	Roll-off	Re-Sale Public	6 Months
Class I Unacceptable/ Putrescible	10 CY	1,250	Covered	Container	Orange County Class I Landfill	48 Hours
Waste Oil/ Hazardous						
Waste-Rejected	55 Gallons	825	Covered	Concrete Pad	Safety Kleen	2 Months
RSM	60 CY	1,000	Uncovered	Roll-off	Re-Sale Public	6 Months

Note: Storage Location of Material is shown on the Site Plan.

**APPENDIX C**

**FACILITY OPERATIONS FLOW CHART**





**APPENDIX D**

**TRAINING LOG**

**TAFT RECYCLING, INC. – TAFT, FLORIDA**  
**CLASS III RECYCLING FACILITY**  
**TRAINING LOG**

COURSE	TRAINED OPERATOR INSTRUCTOR	HRS. ATTENDED	SIGNATURES/ DATE

**APPENDIX E**

**EMERGENCY TELEPHONE NUMBERS**

**APPENDIX E**  
**EMERGENCY TELEPHONE NUMBERS**

Organization	Phone Number
Primary Emergency Response	911
Fire Department	(407) 836-9000
Hazard Response – Safety Kleen	(863) 682-8094
Police - Orange County Sheriff	(407) 836-3700
Facility Manager Office	(407) 240-6883
Joe Briarton - Regional Manager Office	(407) 831-1539
Mobile	(407) 402-0402
Florida Department of Environmental Protection – Jennifer Deal	(407) 893-3328
Orange County Environmental Protection Division – Jim McDonald	(407) 836-9582

**FLORIDA RECYCLING SERVICES  
TAFT CLASS III RECYCLING FACILITY  
375 7TH STREET  
TAFT, FLORIDA**

Phone No.: \_\_\_\_\_  
24 Hr. Phone No.: \_\_\_\_\_  
**Hours of Operation**  
**6a.m. to 7p.m.**  
**Monday - Saturday**

**ACCEPTABLE WASTES: Class III.**

**UNACCEPTABLE WASTES: Hazardous wastes, paint, waste oil, household garbage, appliances, auto parts, batteries, Class I wastes, medical wastes.**

**TIPPING FEE: \$ \_\_\_\_\_ per ton - Mixed Class III**

**WARNING: We will be sorting all loads for prohibited wastes. Any unacceptable wastes/loads will be rejected and may be reloaded onto a vehicle to be taken to an appropriate disposal facility at your expense.**

4.0'

8.0'



**HARTMAN & ASSOCIATES, INC.**

engineers, hydrogeologists, surveyors & management consultants

201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801

TELEPHONE (407) 839-3955 - FAX (407) 839-3750

**PROPOSED GATE SIGN  
SOUTH ORLANDO TRANSFER STATION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

**FIGURE  
F-1**

**APPENDIX G**

**REJECTED WASTE LOG**



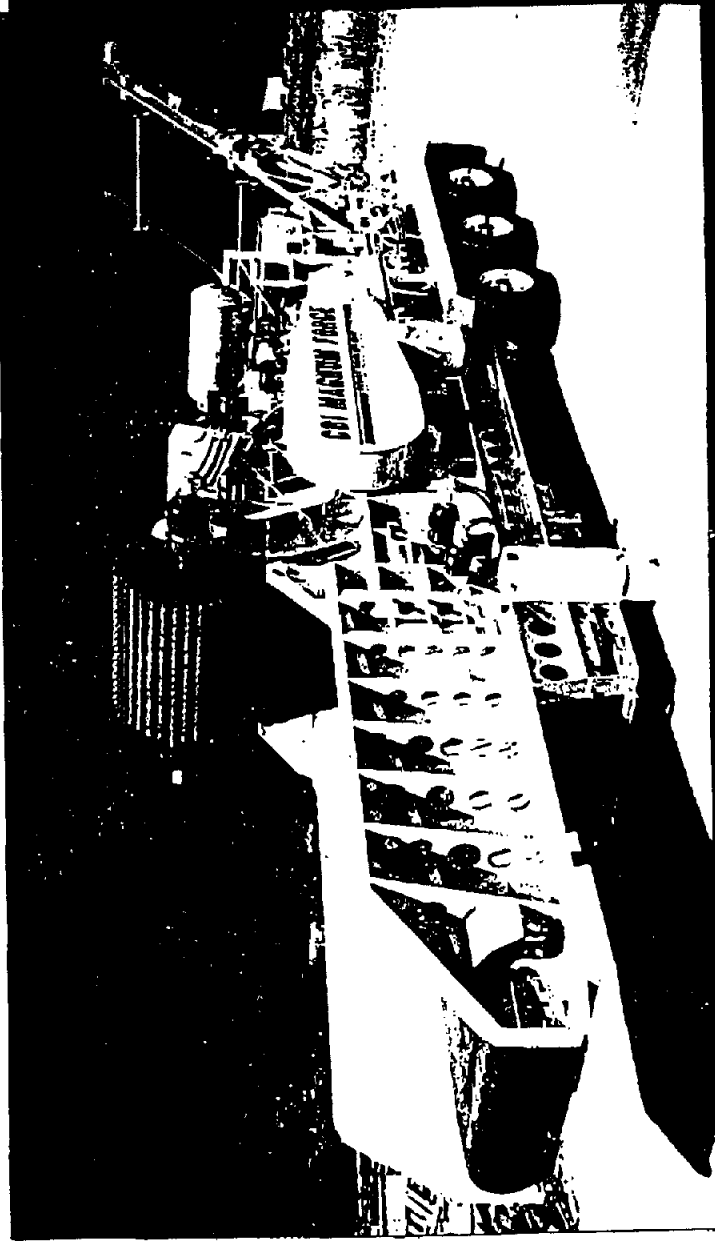
**APPENDIX H**

**EQUIPMENT CUT SHEETS**

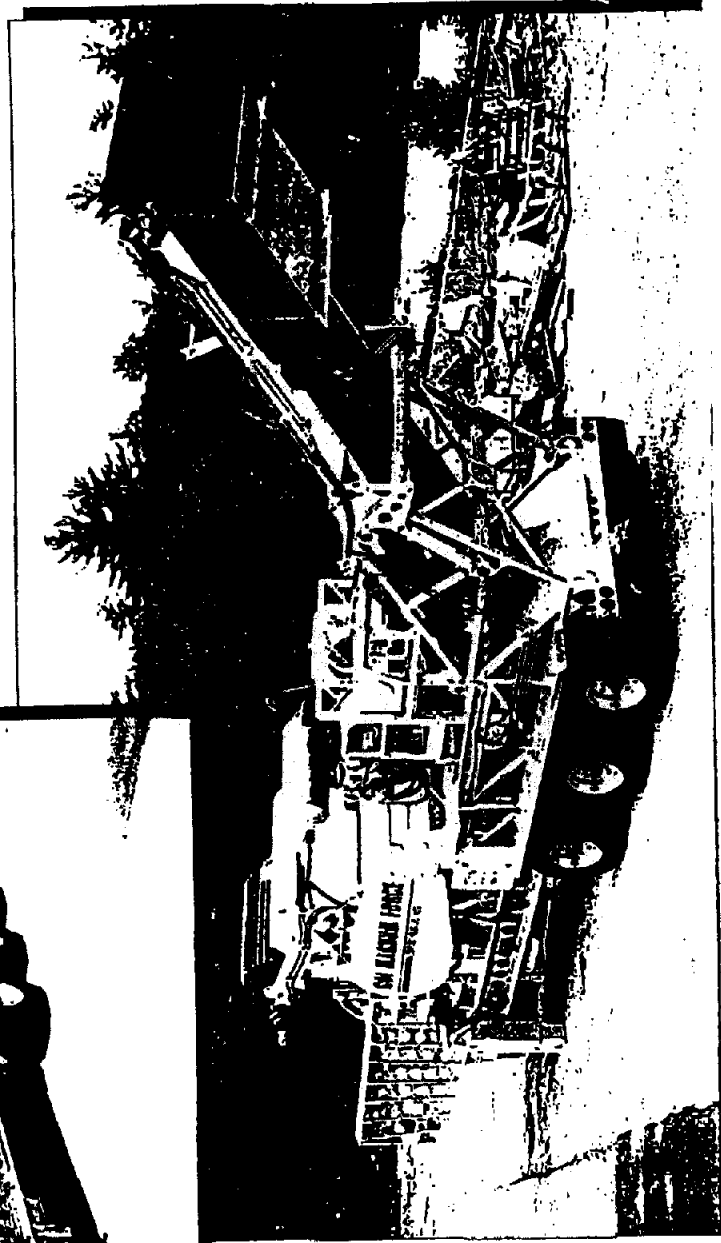


# CBI MAGNUM FORCE

Series 4800 HZ Hog



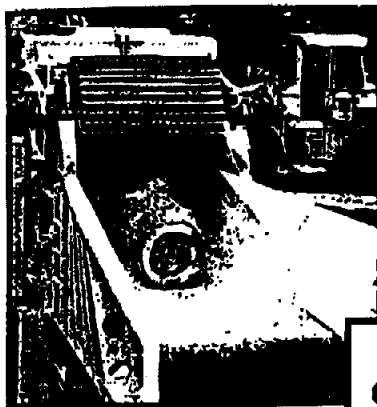
*The ultimate land clearing machine grinds full length trees, stumps, and brush at an unbeatable throughput rate. Easily transportable both on and off the road. Safe to operate—no flying debris.*



BUILT TO PROCESS  
HIGH VOLUMES OF:

- Stumps
- Logs
- Yard Waste
- Contaminated C & D
- Poles & Ties, Etc.
- Tolerant to Rock, Dirt & Metal

# Eliminate chippers - Grind trees and stumps into valuable mulch for greater profits!



**FEED SYSTEM:** Two extremely rugged feed rollers, upper and lower, powered by three heavy-duty high-torque planetary gear drives provides continuous positive feed of logs, stumps and brush, etc.

Upper roller's crushing force is adjustable by radio control.

Built-in pre-screener allows abrasive fines to by-pass hog and extend wear component life.

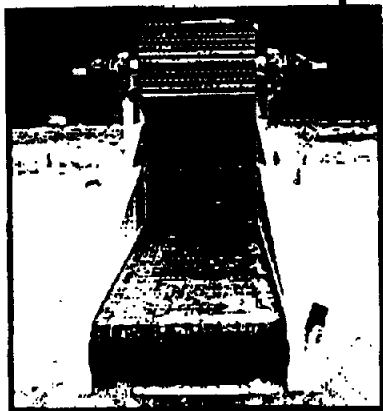
Load-regulated feed system.



**DISCHARGE:** 60" wide discharge conveyor, heavy-duty construction; 17' discharge height. Magnetic head pulley available.



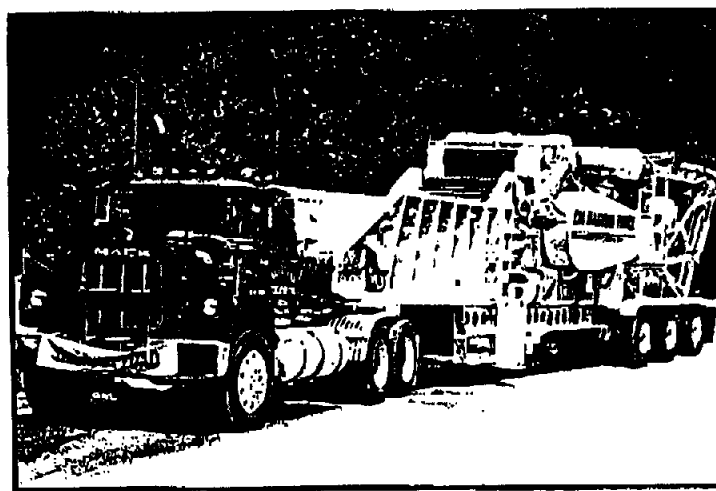
**FEED HOPPER:** Open ended with extra large capacity accepts large surges and full-length material.



**ROTOR:** 48" diameter, 19,000 lb. solid steel rotor with our unique patented off-set helix design that cuts from left to right and right to left at half the RPM of a conventional hammermill. A design that is tolerant to rock, dirt, and metal, provides exceptional long wear life. Bolt-on striker bars for ease of maintenance.



**CHAMBER:** Specially designed hog chamber with full access in front and back; bolt-in liners throughout; tremendously stout grate and anvil frame with shear pin release system for full component protection; bolt-in heavy-duty thick grate liner.



**POWER:** 880-1000 HP CAT.

**ELECTRICAL:** Radio remote control for all functions with full independent mechanical backup.

*John*  
Gil Fredsall 1-800-591/44

Distributed by:



**Continental Biomass Industries, Inc.**

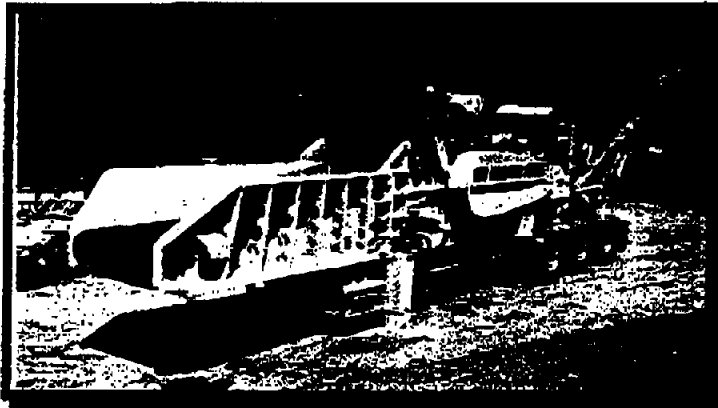
Manufacturers of Stationary and Portable Biomass Recovery Systems

22 Whittier Street, Newton, NH 03858  
Tel. 603-382-0556 Fax 603-382-0557

*John Clement*



## Continental Biomass Industries, Inc.



### CBI MAGNUM FORCE Model 4800

RETAIL PRICE SHEET  
Effective June 16, 1999  
(F.O.B. Newton, NH)

**BASE PRICE: \$477,900.00**

#### OPTIONS:

Flexaire Fan	\$11,800.00
Magnetic Head Pulley	\$ 7,800.00

#### HOG:

- Heavy-duty reinforced housing with bolt-in replaceable wear liner;
- 48" diameter x 60" long solid steel offset helix rotor with 4 rows of bolt-on tungsten imbedded hammers;
- 7" shaft and bearings;
- Heavy-duty swing-away grate frame with grate liner and cutting anvil held in place with shear pin for rotor protection;
- Weight of hog with rotor, shaft, bearings and grate, 40,000 lbs.

#### INFEED SYSTEM:

- 16' x 60" Feed Conveyor with high sides; impact plate in bottom; 18" head and tail pulleys; 440, 4-ply belt; hydraulic drive through gearbox.
- 50" diameter upper feed roller with 4" shaft, bearings, two high torque planetary gear drives with 2000 series Char Lynn motors and hydraulic up and down pressure.
- 18" diameter bottom feed roller; 3" shaft, bearings, high torque planetary gear drive with 2000 series Char Lynn motor.

#### ENGINE:

- Caterpillar 3412 Diesel Engine rated, 880 HP at 2250 RPM;
- Twin Disc model 318 extra heavy-duty PTO clutch with outboard support bearing;
- Donaldson Air Filtering System with Turbo Two Pre-Cleaners;
- 8" Critical Silencer;
- Electric dual battery 24 volt DC system with emergency shut down, and all weather control enclosures;



## Continental Biomass Industries, Inc.

CBI Magnum Force Model 4800

Page 2

### DISCHARGE CONVEYOR:

- 50' x 60", 20° troughing idler conveyor; 16" head pulley, lagged with 2 15/16 shaft and bearings; 18" wing tail pulley with 2 15/16 shaft and bearings; 5" idlers; 220, 2-ply heavy-duty belt; hydraulically folds for transport; direct coupled series 6000 Char Lynn 24 HP hydraulic drive; 17'-10" discharge height.

### TRAILER FRAME:

- Specially made wide flange structure with Hutchens H9700 tri-axle suspension with 10'-6" spread; six super single Alcoa aluminum wheels with Michelin, 445-65R 22.5 tires and two heavy-duty structural tube-in-tube front stabilizers with 5" cylinders. 140,000 lb. lifting capacity.

FUEL TANK: 360 gallon

### HYDRAULIC SYSTEM:

- Complete with 80 gallon tank, load sensing and gear pumps, valves, oil cooler, all neatly plumbed using steel tubing and hoses.

### ELECTRIC

- Radio remote control to run all functions with full mechanical backup; Four (4) emergency stops placed around machine; Caterpillar engine RPM sensor that regulates feed system.

### PAINT:

- All appropriate surfaces (except for wear and machined surfaces) are sand blasted to S.S.P.C. SP 6-10 commercial to white finish; two coats of a three part epoxy primer to military spec and two coats of CBI yellow high gloss acrylic urethane paint by Niles Chemical paint.

### WARRANTY

- CBI warranty is six months from start-up, or maximum of 1000 engine hours, against defects in manufacturing or workmanship. Warranty does not apply to wear parts, including but not limited to, strikers, liners, drive belts and conveyor belts. Cat engine comes with one year or maximum of 2000 engine hours from start-up date.



## Continental Biomass Industries, Inc.

CBI Magnum Force Model 4800

Page 3

### DIMENSIONS:

- Length: 48'-6" in travel position
- Height: 13'-5" -travel; 17'-10" operational
- Width: 11'
- Weight: 88,800 lbs.

### OPTIONS:

#### FLEXXAIRE FAN

Reversing pitch radiator fan that, during operation reverses air flow automatically every 5 minutes to keep radiator clean, thus, eliminating costly shut-down.

PRICE:

\$11,800.00

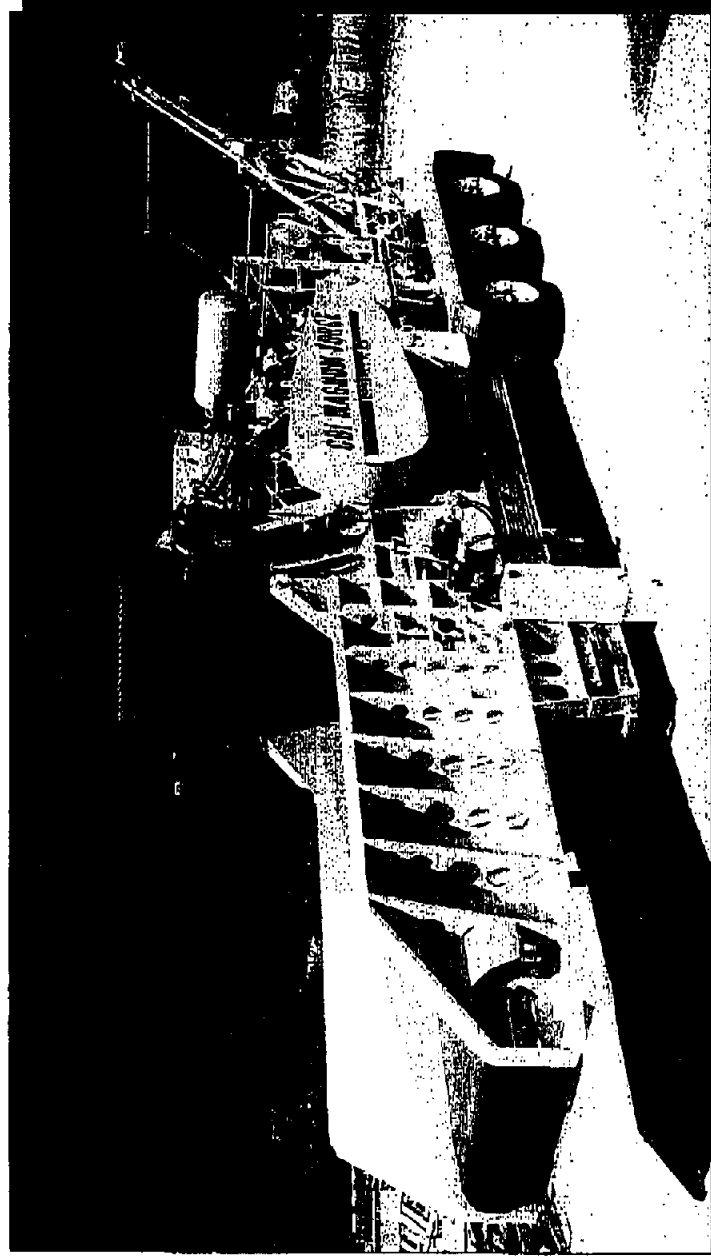
#### MAGNETIC HEAD PULLEY w/ Aluminum Diverter Chute

PRICE:

\$7,800.00

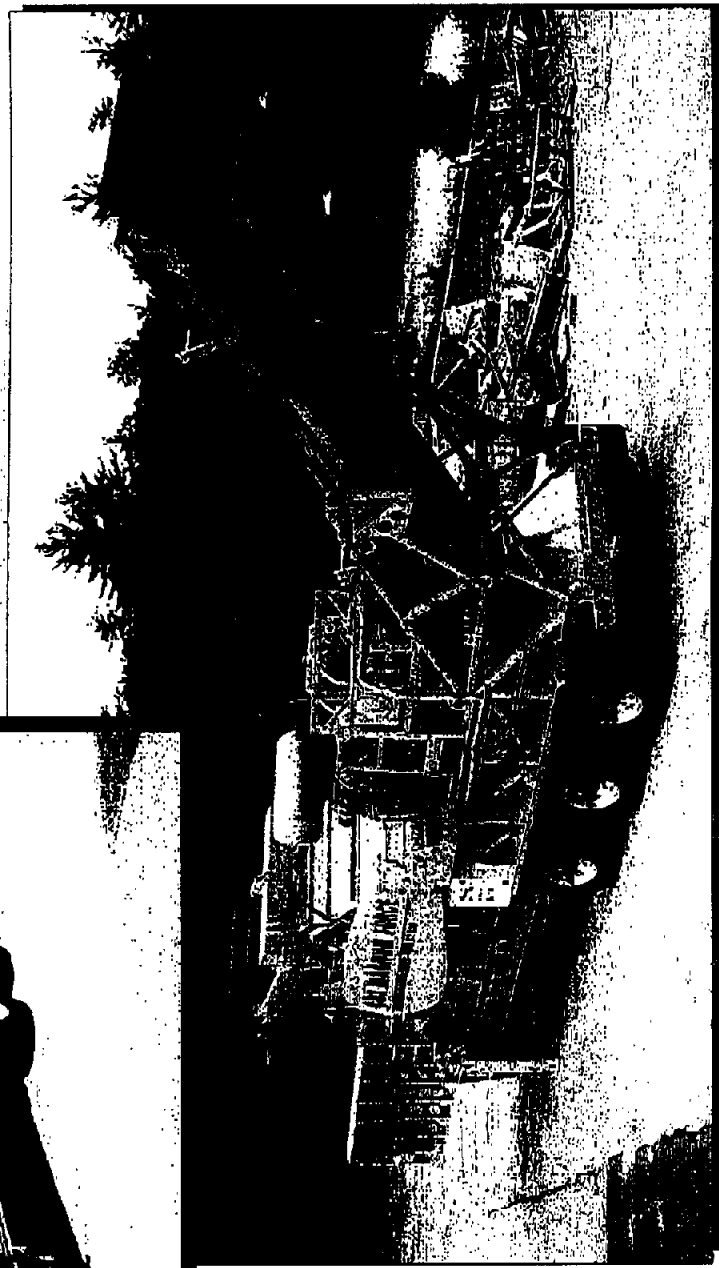
# CBI MAGNUM FORCE

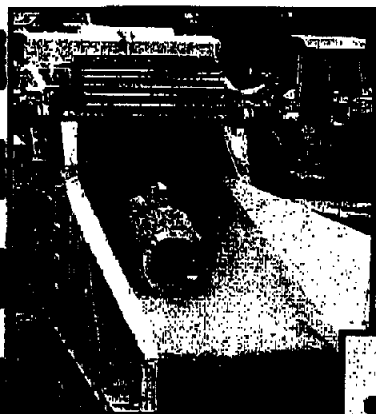
Series 4800 HZ Hog



*The ultimate land clearing machine grinds full length trees, stumps, and brush at an unbeatable throughput rate. Easily transportable both on and off the road. Safe to operate—no flying debris.*

- BUILT TO PROCESS  
HIGH VOLUMES OF:**
- Stumps
  - Logs
  - Yard Waste
  - Contaminated C & D
  - Poles & Ties, Etc.
  - Tolerant to Rock, Dirt & Metal



**Eliminate chippers - Grind trees and stumps into valuable mulch for greater profits.**

**FEED SYSTEM:** Two extremely rugged feed rollers, upper and lower, powered by three heavy-duty high-torque planetary gear drives provides continuous positive feed of logs, stumps and brush, etc.

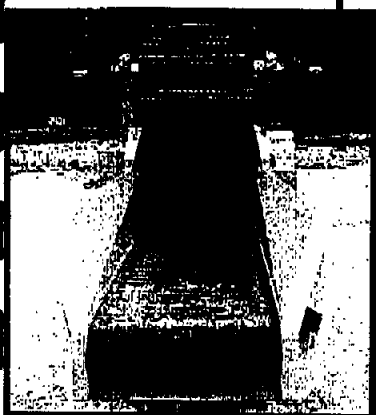
Upper roller's crushing force is adjustable by radio control.

Built-in pre-screener allows abrasive fines to by-pass hog and extend wear component life.

Load-regulated feed system.



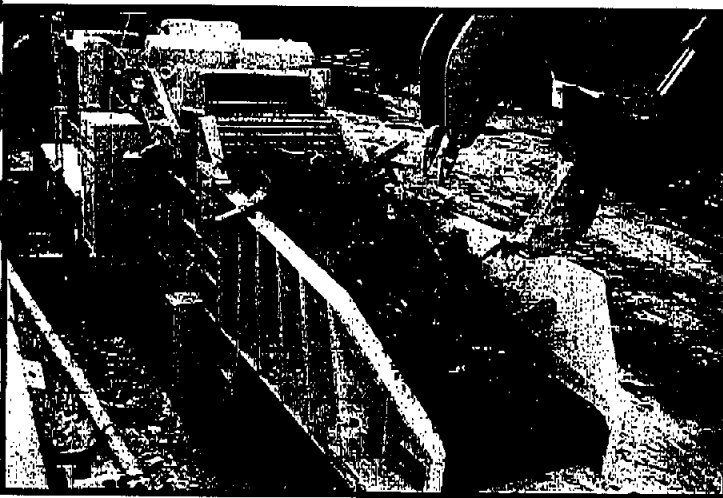
**DISCHARGE:** 60" wide discharge conveyor, heavy-duty construction; 17' discharge height. Magnetic head pulley available.



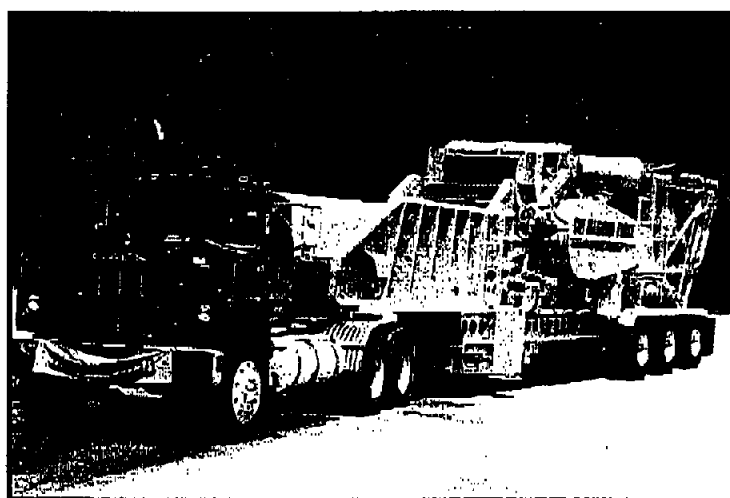
**ROTOR:** 48" diameter, 19,000 lb. solid steel rotor with our unique patented off-set helix design that cuts from left to right and right to left at half the RPM of a conventional hammermill. A design that is tolerant to rock, dirt, and metal, provides exceptional long wear life. Bolt-on striker bars for ease of maintenance.



**FEED HOPPER:** Open ended with extra large capacity accepts large surges and full-length material.



**CHAMBER:** Specially designed hog chamber with full access in front and back; bolt-in liners throughout; tremendously stout grate and anvil frame with shear pin release system for full component protection; bolt-in heavy-duty thick grate liner.



**POWER:** 880-1000 HP CAT.

**ELECTRICAL:** Radio remote control for all functions with full independent mechanical backup.

Distributed by:



**Continental Biomass Industries, Inc.**

Manufacturers of Stationary and Portable

Biomass Recovery Systems

22 Whittier Street, Newton, NH 03858

Tel. 603-382-0556 Fax 603-382-0557

INTERNET: [www.cbi-inc.com](http://www.cbi-inc.com) EMAIL: [info@cbi-inc.com](mailto:info@cbi-inc.com)

00910008

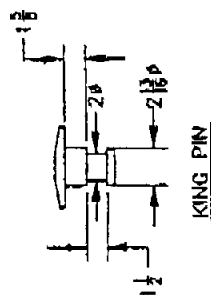
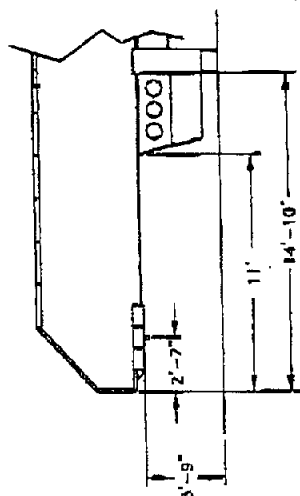
A

## NOTICE

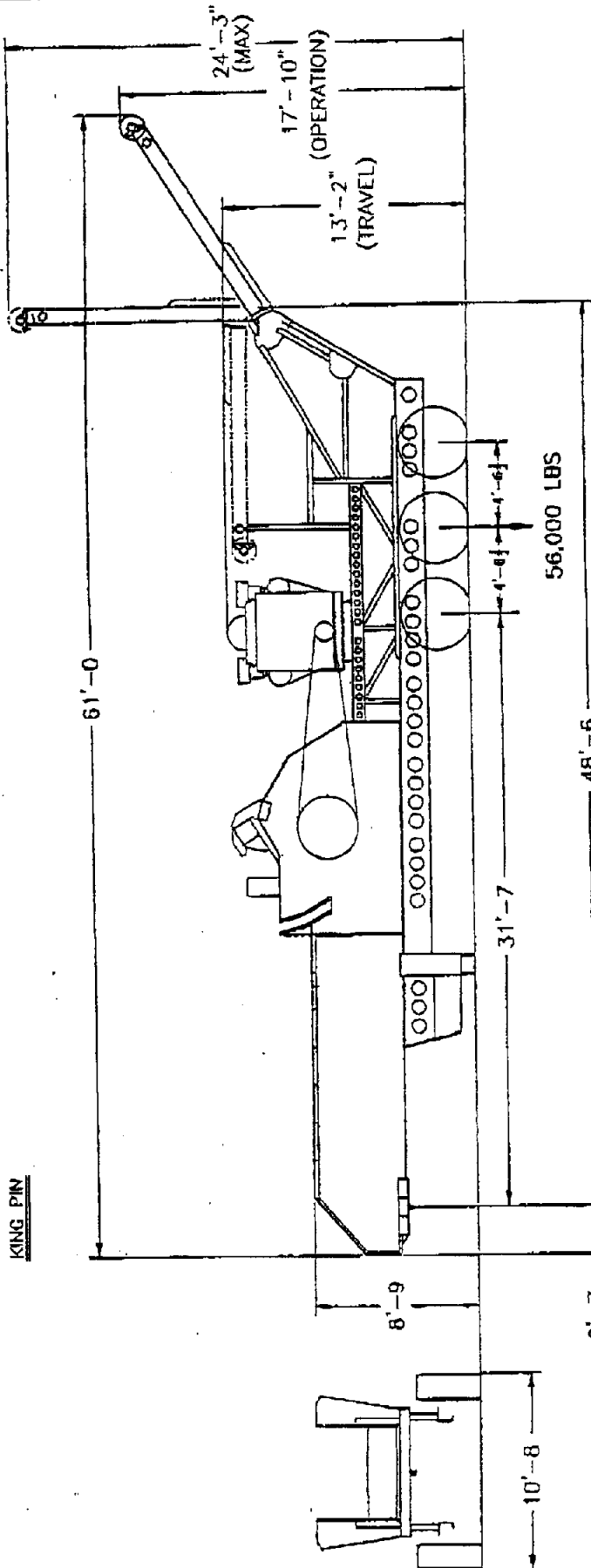
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## REVISION

REV	DESCRIPTION	DATE/APPD
A	90,000 WAS 64,000 56,000 WAS 55,000	31MAY98
B	ADDED MAX HEIGHT OF CONVEYOR	27APR98



KING PIN



34,000 LBS

56,000 LBS

CONTINENTAL BIOMASS INDUSTRIES  
22 WHITTIER ST. NEWTON MA 03858

4800 MAGNUM FORCE  
DIMENSIONAL OUTLINE

00910008

SHEET 1 OF 1

DESIGNED BY: [Signature]  
CHECKED BY: [Signature]  
DATE: 27JUN98

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES

XX DECIMAL 2.00

XXI DECIMAL 4.00

XXII DECIMAL 4.5

ANGLES 4.5

ROUND BARS & SHAPED IRONS  
MACHINED SURFACE FINISH TO BE 125 RMS  
OTHER SURFACE FINISH TO BE 250 RMS

## NOTES:

WEIGHT: 90,000 lbs

TIRES: 445/65R 22.5

LOAD CAPACITY PER TIRE: 12,300

36 FT<sup>2</sup> GRATE SURFACE AREA 1 1/2" THICK



# 320B L

## Hydraulic Excavator

**CAT**<sup>®</sup>**Operating weight**

5.68 m (18'7") boom 2.9 m (9'7") stick

320B L

800 mm (32") track

20 620 kg

45,400 lb

**Travel Speed (maximum)**

5.5 km/h

3.4 mph

**Cat<sup>®</sup> 3066T Diesel Engine**

Gross

100 kW

134 hp

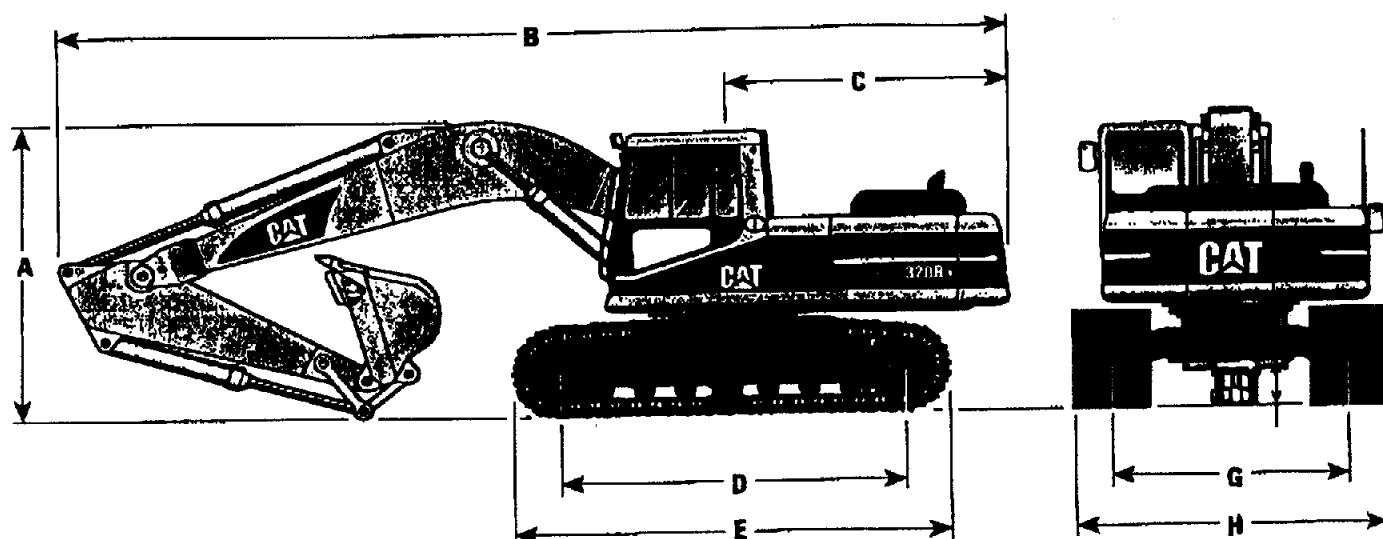
Flywheel power

96 kW

128 hp

## Dimensions and Weights

All dimensions are approximate.



Reach Boom 5.68 m (18'7")	R3.9B (12'8") Stick	R2.9B (9'7") Stick	R2.5B (8'2") Stick	R1.9C (6'3") Stick
A Shipping height	3430 mm (11'3")	2930 mm (9'7")	3010 mm (9'11")	3050 mm (10'8")
B Shipping length	9420 mm (30'11")	9440 mm (31')	9460 mm (31')	9490 mm (31'2")
C Tail swing radius	2750 mm (9')	2750 mm (9')	2750 mm (9')	2750 mm (9')
D Length to centers of rollers	3650 mm (12')	3650 mm (12')	3650 mm (12')	3650 mm (12')
E Track length	4455 mm (14'7")	4455 mm (14'7")	4455 mm (14'7")	4455 mm (14'7")
F Ground clearance	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")	475 mm (1'7")
G Track gauge	2380 mm (7'10")	2380 mm (7'10")	2380 mm (7'10")	2380 mm (7'10")
H Transport width	800 mm (32") shoes	600 mm (24") shoes	700 mm (28") shoes	800 mm (32") shoes
Long	3180 mm (10'5")	2980 mm (9'9")	3080 mm (10'1")	3180 mm (10'5")

Mass Boom 5.2 m (17'1")	M2.4C m (7'10") Stick
A Shipping height	3050 mm (10'8")
B Shipping length	9000 mm (29'6")

Operating Weight	600 mm (24") Shoes		700 mm (28") Shoes		800 mm (32") Shoes	
	kg	lb	kg	lb	kg	lb
Sticks:						
3.9 m (12'8")	20 180	44,500	20 540	45,200	20 860	45,900
2.9 m (9'7")	19 940	43,900	20 300	44,700	20 620	45,400
2.5 m (8'2")	19 900	43,800	20 240	44,600	20 580	45,300
1.9 m (6'3")	20 300	44,700	20 650	45,500	20 980	46,200
Mass Boom						
Stick:						
2.4 m (7'10")	20 320	44,700	20 670	45,500	20 990	46,200
Ground Pressure with Reach Boom, 2.9 m (9'7") Stick						
	41.4 kPa	6.0 psi	36.1 kPa	5.2 psi	32.1 kPa	4.7 psi

# 960F

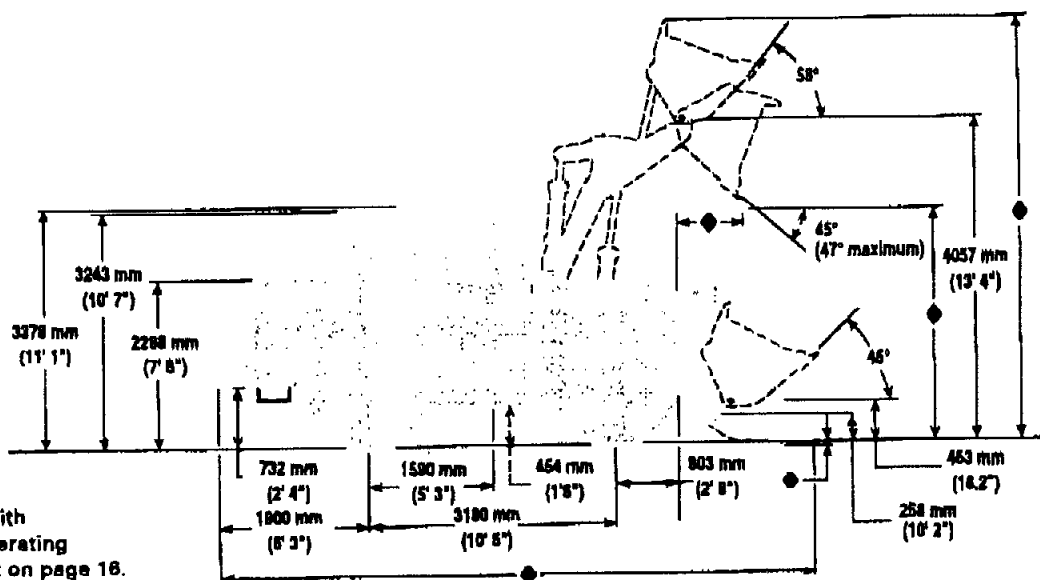
## Wheel Loader

**CAT**

Bucket capacities	3.1 to 3.5 m <sup>3</sup>	4.0 to 4.5 yd <sup>3</sup>
Operating weight	17 650 kg	38,936 lb
Cat 3116 Engine		
Gross power	156.5 kW	210 HP
Flywheel power	149 kW	200 HP

## Dimensions

All dimensions are approximate.



◆ Dimensions vary with bucket. Refer to operating specifications chart on page 16.

Tread width for all tires 2090 mm (82")

	Width over tires		Ground clearance		Change in vertical dimensions	
	mm	inches	mm	inches	mm	inches
23.5-R25 XHA (L-3) steel radial (standard)	2770	109.0	454	17.9	—	—
23.5-25, 12 PR (L-2)	2754	108.4	476	18.7	+22	+8.7
23.5-25, 16 PR (L-3)	2839	111.8	469	18.5	+22	+8.7
23.5-R25 GP-2B (L-2/3) steel radial	2771	109.1	471	18.5	+17	+6.7
20.5-25, 20 PR (L-3)	2681	105.6	426	16.8	-28	-1.13
20.5-R25 GP-2B (L-2/3) steel radial	2685	105.7	402	15.8	-52	-2.03
20.5-R25 XHA (L-3) steel radial	2692	106.0	399	15.7	-55	-2.16
20.5-R25 XGLA (L-2) steel radial	2700	106.3	393	15.5	-61	-2.4

## Supplemental Specifications

	Change in Operating Weight		Change in Articulated Static Tipping Load	
	kg	lb	kg	lb
Remove cab only, ROPS remains	+177	-390	-132	-291
23.5-25, 16 PR (L-3)	-238	-525	-148	-326
23.5-R25 GP-2B (L-2/3) steel radial	-84	-185	-49	-108
20.5-25, 20 PR (L-3)	-612	-1350	-381	-840
20.5-R25 GP-2B (L-2/3) steel radial	-568	-1253	-354	-780
20.5-R25 XHA (L-3) steel radial	-568	-1253	-354	-780
20.5-R25 XGLA (L-2) steel radial	-747	-1647	-464	-1023
23.5-25, 12 PR (L-2)	-409	-902	-256	-564

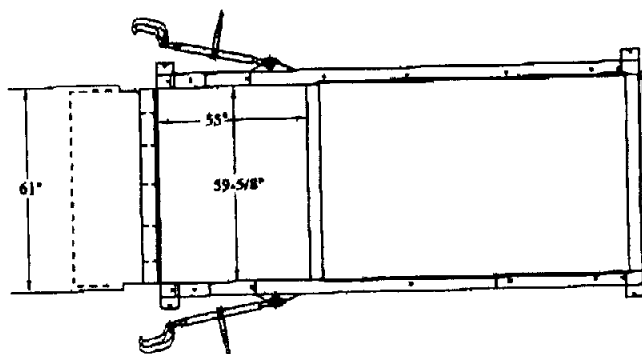
Note: Tire options include exchange of tires and rims.



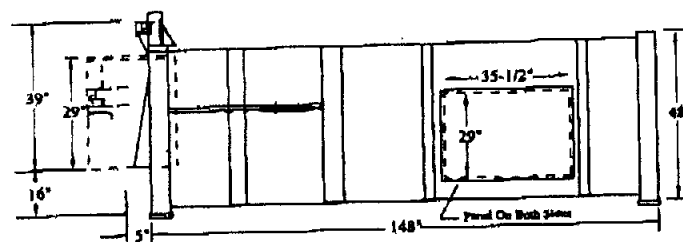
**Advanced design, superior engineering  
provides years of reliable service life.**

# PakFORCE SPECIFICATIONS

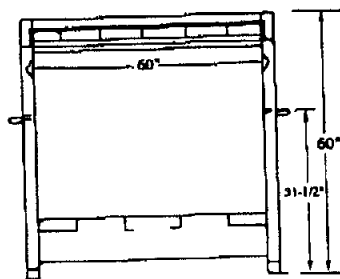
**Top View**



**Side View**



**End View**



## Specifications

Model Number	PF6055
NSWMA - Rating Size	2.09 Cubic Yds.
Clear Top Opening - Length	55"
Width	59-1/2"
Ram Penetration	16"
Chamber Length	56"
Ram Face - Height	29"
Width	60"
Cylinder Stroke	72"
Cylinder Bore	6"
Cylinder Rod Diameter	4"
Discharge Opening - Height	39"
Width	61"
Ground Height	16"
Scale Weight 8004	approx. 5,200 lbs.
Cycle Time*	31-75 Sec.
Pump Size	10.5 G.P.M.
Motor Size	10 H.P.
Operating Pressure - Normal	1950 PSI
Maximum	2250 PSI
Force Rating - Normal	31.6/55,100
Maximum	36.5/63,600
Chamber Sides	1/4" Plate
Chamber Floor	1/2" Plate
Ram Top	1/4" Plate
Ram Sides	1/4" Plate
Ram Floor	1/4" Plate
Ram Face	1/2" Plate
Top Cover	12 Ga. Floor Plate

\* Varies depending on pump and motor configuration

## Standard Features

- Solid State Control System
- External Power Plant
- UL & Canadian UL Listed Industrial Control Panel
- 10 HP, 208/230/460 Volt, 3 Phase Motor
- 40 Micron Air Filter
- 200 Mesh Suction Filter in Reservoir
- Oil Level Sight Gauge with Thermometer
- 25 G.P.M. Hydraulic Control Valve
- 3/4 Full Light (1550 PSI)
- Container Full Light (1950 PSI)
- Claw Type Grab Hooks
- Replaceable Nylon Ram Guides
- Operator's Controls on 10' Sealtite
- Hold to Operate Mode
- Hold to Operate Extend/Auto Retract Mode
- 2 - 8 Multicycle Modes
- Ram Stop Extended Mode
- Floor Plate Walk-On Ramp
- Finish Paint Any Standard Galbreath Color

## Optional Features

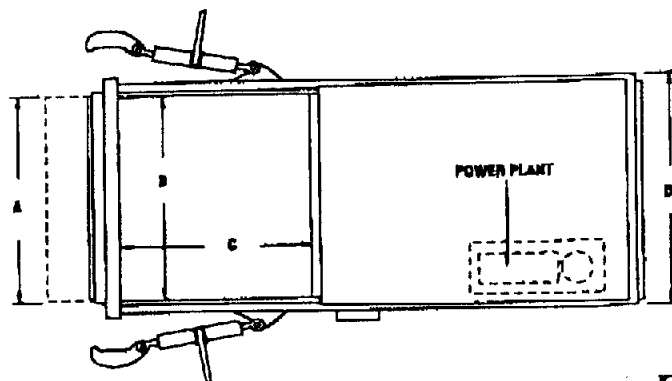
- Electro-Mechanical Power Unit
- Pressure Gauge
- Oil Heater
- Photoelectric Eye
- Low Oil/High Temperature Shut Off Sensor
- Drive-On Ramp
- Internal Power Plant
- Hoppers
- Chutes
- Weather Cover
- Interlock Switch On 30' Sealtite

**Specifications...designed for superior  
performance and efficiency.**

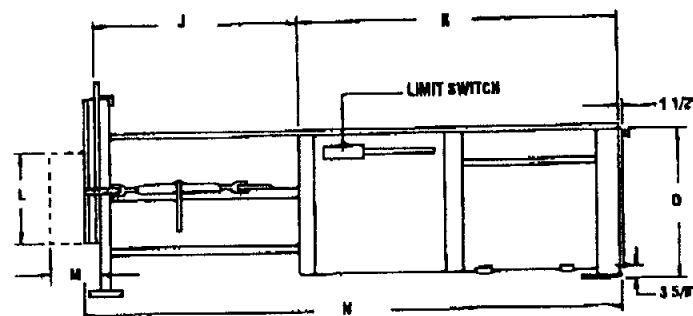
**Advanced design, superior engineering  
provides years of reliable service life.**

# GP Series SPECIFICATIONS

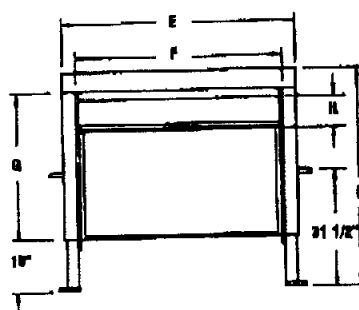
**Top View**



**Side View**



**End View**



## Standard Features

- Internal Power Plant
- UL Listed Relay Control Box
- 15 HP 208/230/460 Volt, 3 Phase Electric Motor\* (GP-350, GP-450, GP-550, GP-450HD & GP-550HD)
- 40 Micron Air Filter
- 200 Mesh Oil Screen Filter in Reservoir
- Pump 13.5 GPM
- Operator's Controls on 10' Sealtite
- UL & Canadian UL Listed Industrial Control Panel
- Oil Level Sight Gauge With Thermometer
- 20 GPH Hydraulic Regenerative (1200 PSI) Control Valve
- Pressure Control Shut-Down (1950 PSI)
- Claw Type Grab Hooks
- Replaceable Nylon Ram Guides
- Red Oxide Primer Finish

\* Motor can be used on 208 volt system up to 40 Amps. May not meet all NEMA performance limits on 208 volt system.

## Optional Features

- Container Full Light (1950 PSI)
- 3/4 Container Full Light (1550 PSI)
- Hold to Operate Controls
- Multi-Cycle Timer
- External Power Plant (controls mounted on power unit)
- Remote Control Pendant for External Power Plant
- Pressure Gauge
- Oil Heater
- Photoelectric Eye
- Low Oil/High Temperature Shut Off Sensor
- Drive-On Ramp
- Hoppers
- Chutes
- Weather Cover
- Interlock Switch On 30' Sealtite
- Ram Stop Extended Mode
- Override/Hauler's Control
- Guard Rails
- Floor Plate Walk-On Ramp
- 20 HP Motor With 16 GPM Pump
- Internal Switch

## Specifications...designed for superior performance and efficiency.

Model No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	APPROX. WT.
GP-350	60"	57"	67"	67"	71"	61 1/2"	43"	10"	64"	70"	114"	28"	18"	187 1/2"	48"	5,863 Lbs.
GP-450	60"	57"	87"	67"	71"	61 1/2"	43"	10"	64"	90"	142"	28"	24 1/2"	236"	48"	6,762 Lbs.
GP-550	72"	69"	87"	79"	83"	73 1/2"	45"	10"	66"	90"	142"	30"	24 1/2"	236"	50"	8,639 Lbs.
GP-450HD	60"	57"	87"	67"	71"	62"	43"	10"	64"	90"	142"	28"	24 1/2"	236"	48"	9,387 Lbs.
GP-550HD	72"	69"	87"	79"	83"	73 1/2"	45"	10"	66"	90"	142"	30"	24 1/2"	236"	50"	10,800 Lbs.

	GP-350	GP-450	GP-550	GP-450HD	GP-550HD
Mfg. Rating	3 Cu. Yds.	4 Cu. Yds.	5 Cu. Yds.	4 Cu. Yds.	5 Cu. Yds.
NSWMA Rating	2.54 Cu. Yds.	3.26 Cu. Yds.	4.19 Cu. Yds.	3.26 Cu. Yds.	4.19 Cu. Yds.
Cycle Time	41-86 seconds - varies depending on pump and motor configuration.				
Packing Force-Norm.	55,100 Lbs.	55,100 Lbs.	55,100 Lbs.	75,000 Lbs.	75,000 Lbs.
Packing Force-Max.	63,600 Lbs.	63,600 Lbs.	63,600 Lbs.	86,500 Lbs.	86,500 Lbs.
Operating Pressure-Norm.	1950 PSI	1950 PSI	1950 PSI	1950 PSI	1950 PSI
Operating Pressure-Max.	2250 PSI	2250 PSI	2250 PSI	2250 PSI	2250 PSI
Cylinder (Bore x Stroke x Rod)	6" x 90" x 4"	6" x 116" x 4.5"	6" x 116" x 4.5"	7" x 116" x 5"	7" x 116" x 5"
Electric Motor	15 HP	15 HP	15 HP	15 HP	15 HP
Oil Reservoir	34 Gal.	34 Gal.	34 Gal.	34 Gal.	34 Gal.
Chamber Floor	1/2" AR Plate	1/2" AR Plate	1/2" AR Plate	3/4" AR Plate	3/4" AR Plate
Chamber Sides	1/4" Plate	1/4" Plate	1/4" Plate	3/8" Plate	3/8" Plate
Ram Top	1/4" Plate	1/4" Plate	1/4" Plate	3/8" Plate	3/8" Plate
Ram Face	1/2" Plate	1/2" Plate	1/2" Plate	3/4" Plate	3/4" Plate

**APPENDIX I**

**AIRPORT SAFETY**



## **APPENDIX I**

### **AIRPORT SAFETY**

The Orlando International Airport is located approximately three (3) miles east of the subject site. The site is an existing recycling facility, and only Class III materials will be excepted at the Facility. Because the type of waste expected at the Facility does not include any eatable waste, the facility operations will not pose a bird hazard to the airport. Also, no building construction is being proposed for the facility so there will not be any obstructions to existing flight paths. The attached notice was sent to the Orlando International Airport, Federal Aviation Administration, and the Florida Department of Transportation.

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
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Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
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SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

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J. Richard Voorhees, P.E.  
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Alicia E. Olier, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Joseph S. Paterniti, P.E.  
Daryl C. Walk, P.E.

August 18, 2000

HAI #99-202.07

Federal Aviation Authority  
Airspace Branch, ASO520  
1701 Columbia Avenue  
College Park, Georgia 30337

**Subject: Letter of Notification for Operation Permit Application  
Class III Recycling Facility  
375 7<sup>th</sup> Street  
Taft, Florida**

**To Whom it May Concern:**

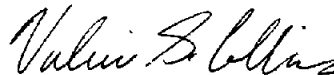
On behalf of Taft Recycling, Inc., Hartman & Associates, Inc. (HAI) submits this notification of intent to permit a Class III Recycling Facility within 5 miles of the Orlando International Airport. The subject facility (South Orlando Transfer Station) is located at 375 7<sup>th</sup> Street in Taft, Florida. The subject facility is designed to recycle Class III debris (wood, metal, cardboard, concrete, glass, plastic, paper), and currently operates as a recycling facility.

The attached vicinity map shows that the recycling facility is approximately three (3) miles west of the airport. This Class III Recycling Facility does not appear to pose a threat to low flying aircraft. There is no smoke, and the facility does not possess any structures (and stockpiles) which, by their height, may pose a threat to low flying aircraft. No additional building construction is proposed. In addition, because of the nature of the waste involved, nonprutrecible and uneatable, there is no danger of attracting birds.

If you have any questions regarding this notice of application, please do not hesitate to contact our office.

Very truly yours,

Hartman & Associates, Inc.



Valerie S. Collins  
Project Hydrogeologist

VSC/sas/99-202.07/report/R-1/FAA.vsc

Attachment

cc: Anthony Montegna, Orlando International Airport  
Frank Wichowski, Supervisor, FDOT  
Joe Briarton, FRS

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE



U.S. Department of Transportation  
Federal Aviation Administration

Failure To Provide All Requested Information May Delay Processing of Your Notice

## Notice of Proposed Construction or Alteration

FOR FAA USE ONLY

Aeronautical Study Number

- OE

**1. Sponsor (person, company, etc. proposing this action):**

Attn. of: Joe Briarton

Name: Taft Recycling, Inc.

Address: 1099 Miller Drive

City: Altamonte Springs State: FL Zip: 32701

Telephone: (407) 376-8587 Fax: (407) 831-3266

**2. Sponsor's Representative (if other than #1):**

Attn. of: N/A

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

**3. Notice of:** ☒ New Construction ☐ Alteration ☐ Existing

**4. Duration:** ☒ Permanent ☐ Temporary ( \_\_\_\_\_ months, \_\_\_\_\_ days)

**5. Work Schedule:** Beginning \_\_\_\_\_ End \_\_\_\_\_

**6. Type:** ☐ Antenna Tower ☐ Crane ☐ Building ☐ Power Line  
☐ Landfill ☐ Water Tank ☒ Other MRF-Class III

**7. Marking/Painting and/or Lighting Preferred:**

☐ Red Lights and Paint ☐ Dual - Red and Medium Intensity White

☐ White - Medium Intensity ☐ Dual - Red and High Intensity White

☐ White - High Intensity ☐ Other \_\_\_\_\_

**8. FCC Antenna Structure Registration Number (if applicable):**

N/A

**9. Latitude:** 28 ° 25 ' 33 "

**10. Longitude:** 81 ° 22 ' 59 "

**11. Datum:** ☐ NAD 83 ☒ NAD 27 ☐ Other \_\_\_\_\_

**12. Nearest:** City: Taft, Orlando State: FL

**13. Nearest Public-use (not private-use) or Military Airport or Heliport:**  
Orlando International Airport

**14. Distance from #13. to Structure:** Approximately 3 miles

**15. Direction from #13. to Structure:** West

**16. Site Elevation (AMSL):** 95 ft.

**17. Total Structure Height (AGL):** 30 ft.

**18. Overall height (#16. + #17.) (AMSL):** 125 ft.

**19. Previous FAA Aeronautical Study Number (if applicable):**

N/A - OE

**20. Description of Location:** (Attach a USGS 7.5 minute Quadrangle Map with the precise site marked and any certified survey.)  
Located at the western end of 7th Street, west of Taft and east of the Boggy Creek Canal. Seventh Street is south of Landstreet Road and north of Taft Vineland Road.

**21. Complete Description of Proposal:**

Taft Recycling, Inc. intends to permit a Class III Material Facility (MRF) at the above address. A recycling facility currently operates at this location. The modifications to the site include a perimeter fence, road, scales, tipping floor with push wall, and walled material bins. No new building construction is proposed. No concrete crushing or burning will take place at the facility. Only Class III wastes (non-eatable) will be accepted at the Facility. Examples of Class III waste include yard trash, C&D debris, plastic, glass, metal, paper and cardboard.

Frequency/Power (kW)

Notice is required by 14 Code of Federal Regulations, part 77 pursuant to 49 U.S.C., Section 44718. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., section 46301 (a).

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking and lighting standards as necessary.

Date

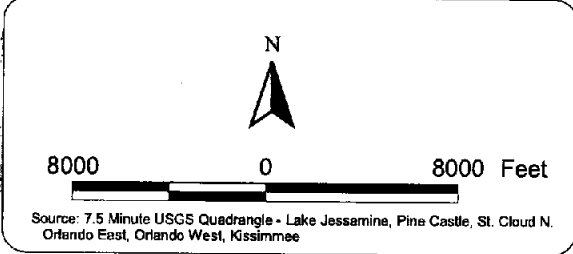
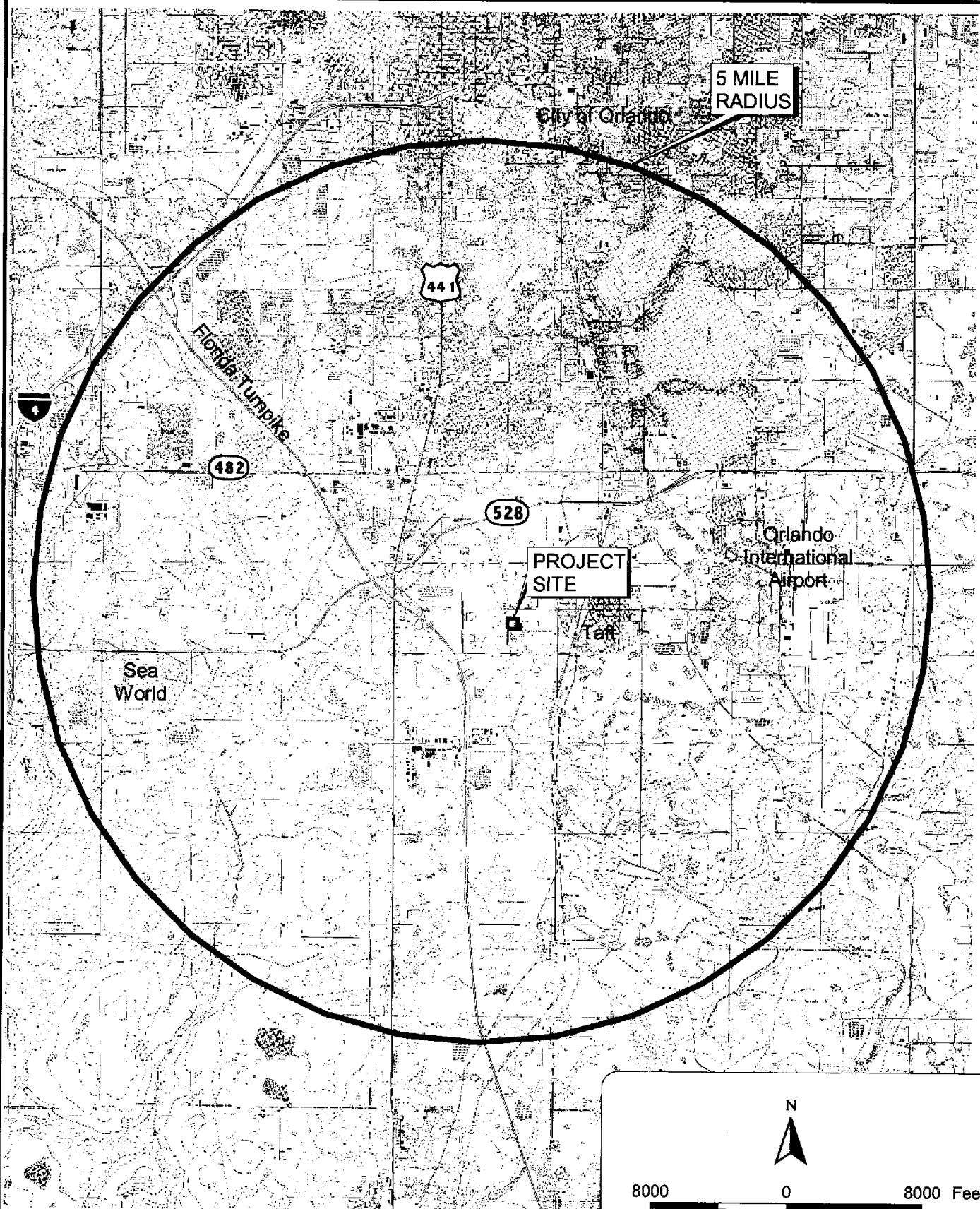
August 18, 2000

Typed or Printed name and Title of Person Filing Notice

Valerie Collins, Hydrogeologist

Signature

Valerie Collins



**HARTMAN & ASSOCIATES, INC.**  
engineers, hydrogeologists, surveyors & management consultants  
201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 - FAX (407) 839-3790

**AREA AND VICINITY MAP  
SOUTH ORLANDO TRANSFER STATION  
TAFT RECYCLING, INC.  
TAFT, FLORIDA**

**FIGURE  
1**

**ATTACHMENT C**

**LEACHATE CONTROL PLAN**

**ATTACHMENT C**  
**LEACHATE CONTROL PLAN**

The tipping floor will consist of a 75 foot by 75 foot concrete pad so no unsorted material will be placed directly on the ground. Also, no water will be involved in the processing of the material. Therefore no leachate collection system is proposed.

**ATTACHMENT D**

**BOUNDARY SURVEY, LEGAL DESCRIPTION,**

**AND AERIAL PHOTOGRAPH**

MAY-28-00 02:39 AM

**EXHIBIT "A"**  
**LEGAL DESCRIPTION**

**Section 02, Township 24 Range 29, 08.00**

**Lots 41 and 42 consisting of 9.7824 +- acres**

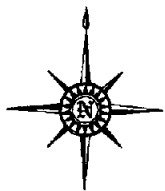
**and**

**Lot 43 consisting of .8207 +- acres (East/West 237.9 ft..  
X 260 ft.)**

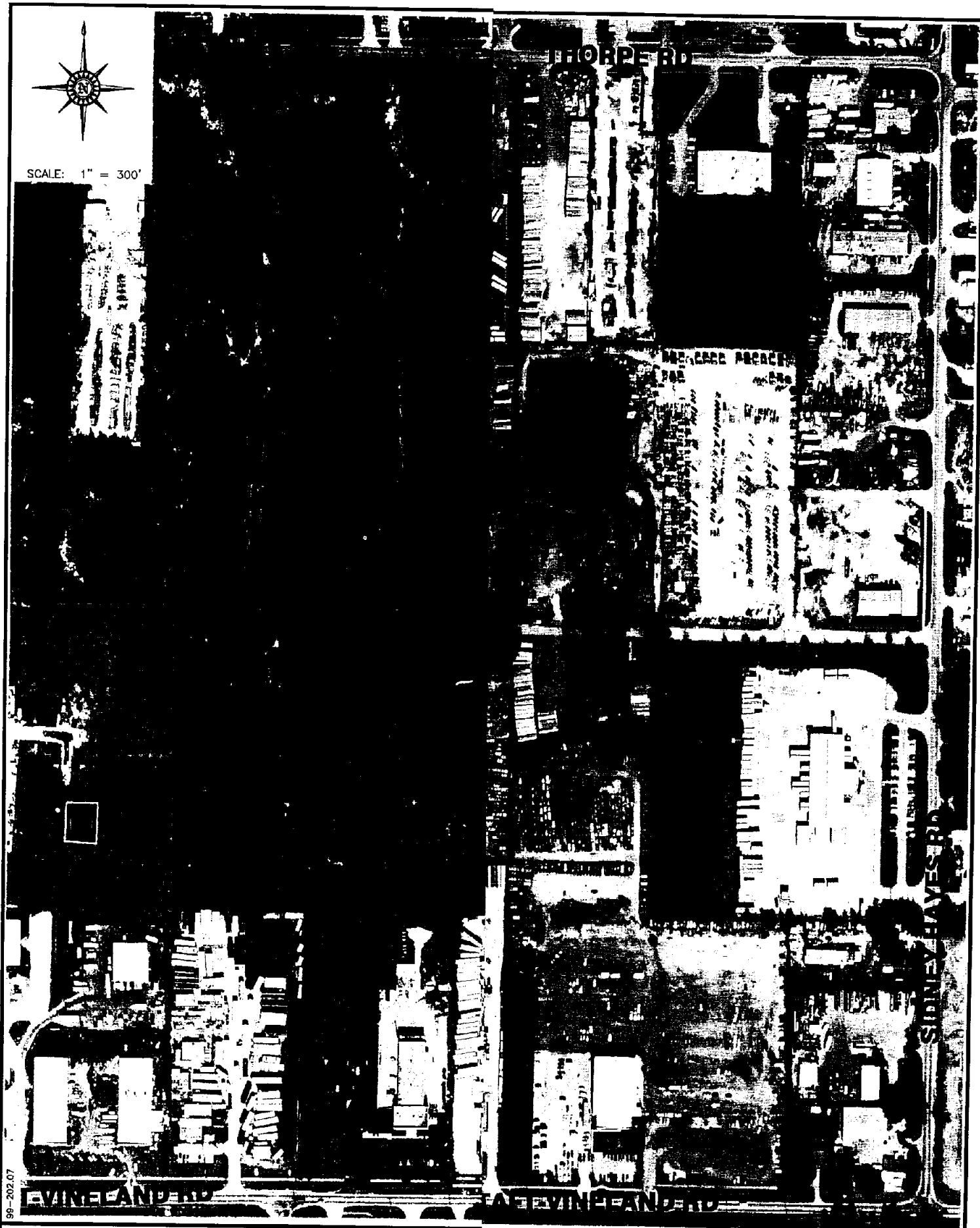
**Together with applicable 7<sup>th</sup> Street Right-of-Way  
and, or, its vacated Right-of-Way.**

**NOTE: The final Leasehold will be determined and verified  
by Landlord and Tenant and the final legal description shall  
be inserted on Exhibit "A" once the Landlord and Tenant  
determine and agree upon the occupied Leasehold.**





SCALE: 1" = 300'



99-202.07



**HARTMAN & ASSOCIATES, INC.**

engineers, hydrogeologists, surveyors & management consultants

201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 - FAX (407) 839-3790

**FIGURE  
D**

**ATTACHMENT E**

**PROPERTY USE AUTHORIZATION**

MAY-20-00 02:36 AM

**REAL ESTATE LEASE**

This Lease Agreement (this "Lease"), by and between Pete and Beverly Madison ("Landlord"), and ~~Taft~~ Recycling, Inc. ("Tenant"), is made effective as of May 1, 2000, or (1.) at such time as the Tenant receives all applicable business and operational licenses and permits for its business, and, (2.) The Landlord gives notice and vacates its Tenants currently occupying the Leasehold, whichever event occurs later, but in any event, no later than August 1, 2000,. In the event that the Tenant does not receive applicable government licensing and permits to allow for its business, this Lease Agreement shall cancel and the full deposit paid by the Tenant shall be returned within 5 business days of the cancellation. Should cancellation occur, in this regard, the Landlord and Tenant shall hold each other harmless and shall have no claim against one or the other relative to this real estate lease.

**THE PARTIES AGREE AS FOLLOWS:**

**PREMISES.** Landlord, in consideration of the lease payments provided in this Lease, leases to Tenant 9+- acres for a recycling and processing business and an office and mechanical shop building with 3/4+- acres of paved area for the Tenant's truck parking, shop and office. The property description is herewith attached as Exhibit "A" (the "Premises") with the property and building located at 375 7<sup>th</sup> Street, Orlando, Florida 32824.

**TERM.** The lease term will begin on May 1, 2000, or as provided in the first paragraph and will terminate on April 30, 2020. The Landlord gives the Tenant an option to renew the Lease for three (3) five (5) year terms with the same Terms and Conditions of the REAL ESTATE LEASE contained herein and applicable to the three (3) five (5) year terms. The Lease Payments shall continue at the Lease rate of the final year of said Lease and shall be subject to continued annual CPI increases for the first, second and third option periods.

**LEASE PAYMENTS.** Tenant shall pay to Landlord monthly payments as called for in Exhibit "B" (the "Lease Payments"), payable in advance on the first day of each month, for a total annual lease payment calculated based upon Exhibit "B". Lease payments shall be made to the Landlord at 2117 Hoffner Avenue, Orlando, FL 32809, which address may be changed from time to time by the Landlord. There will be rent increases based on the Consumer Price Index per year due on each anniversary date of this Lease as specifically identified in Exhibit "B". The Tenant will be notified in writing of payment increases which will be subject to and limited to applicable CPI increases contained within Exhibit "B".

**SECURITY DEPOSIT.** At the time of the signing of this Lease, Tenant shall pay to Landlord, in trust, a security deposit of \$12,000 to be held and disbursed for Tenant damages to the Premises (if any) as provided by law. It is agreed that the security deposit can be placed in an operating account and no interest will be accrued or paid.

MAY-29-00 02:37 AM

**POSSESSION.** Tenant shall be entitled to possession on the first day of the term of this Lease, and shall yield possession to Landlord on the last day of the term of this Lease, unless otherwise agreed by both parties in writing.

**PROPERTY INSURANCE.** Casualty insurance on the Premises shall be maintained in an amount equal to 100% of the full replacement value of the applicable Premises. Landlord will provide the insurance policy subject to mutual approval of the Landlord and Tenant. The Tenant will reimburse the full premium payable to the Landlord according to the insurance company billing for its Premises. The Tenant shall have the option, subject to the Landlord's approval, to furnish its insurance as specified herein and the Tenant, if furnishing its insurance, shall provide the Landlord with proof of insurance in the format as approved by the Landlord and shall name the Landlord as Additional Loss Payee. Should the Tenant provide its own insurance, as approved by the Landlord, the insurance will include a provision whereby the Landlord continues to receive 100% of lease payments in the event of insured damage caused by fire, wind storm or any other event. Tenant shall also maintain any other insurance which the Landlord may reasonably require, subject to mutual approval of the specific insurance policy/s, for the protection of the Landlord's interest in the Premises.

**LIABILITY INSURANCE.** Tenant shall maintain liability insurance in a total aggregate sum of at least \$2,000,000.00. Tenant shall deliver a Certificate of Insurance to Landlord as proof that adequate insurance is in force. Landlord requires that the Landlord receive notice of any termination of such insurance policies.

**MAINTENANCE.** Tenant shall have the responsibility to maintain the Premises in good repair and maintain the grounds in clean and orderly condition at all times during the term of this Lease. Landlord shall be responsible for roofs and related leaks, structural and related maintenance and repair. The Tenant shall provide maintenance to the electrical, plumbing and air conditioning systems.

**UTILITIES AND SERVICES.** Tenant shall be responsible for all utilities and services incurred in connection with the Premises.

**TAXES.** Taxes attributable to the Premises or the use of the Premises shall be allocated as follows:

**REAL ESTATE TAXES.** Tenant shall pay all real estate taxes and assessments which are assessed against the Premises during the time of this Lease.

**PERSONAL TAXES.** Tenant shall pay all personal taxes and any other charges which may be levied against the Premises and which are attributable to Tenant's use of the Premises, along with all sales and/or taxes (if any) that may be due in connection with lease payments. The current State of Florida Sales Tax is six (6) percent. This amount is due with the rent payment on the 1<sup>st</sup> of every month. As of this lease date the sales tax would be \_\_\_\_\_ for a total monthly rent payment of \_\_\_\_\_.

**DEFAULTS.** Tenant shall be in default of this Lease if Tenant fails to fulfill any lease obligation or term by which Tenant is bound. Subject to any governing provisions of law to the contrary, if Tenant fails to cure any financial obligation within 15 days or any other default within 60 days after written notice of such default as provided by Landlord to Tenant, Landlord may take possession of the Premises, subject to Tenant's legal rights, without further notice (to the extent permitted by law), and without prejudicing Landlord's rights to damages. In the alternative, Landlord may elect to cure any default, after notice and the time provided to cure such defaults, and the cost of such action shall be added to Tenant's financial obligations under this Lease. Tenant shall pay all costs, damages, and expenses (including reasonable attorney fees and expenses) suffered by Landlord by reason of Tenant's defaults should a default be judged by mutually acceptable arbitration or accordingly by a Court of Law. All sums of money or charges required, after determination of default, to be paid by Tenant under this Lease shall be additional rent, whether or not such sums or charges are designated as "additional rent". The rights provided by this paragraph are cumulative in nature, subject to Florida Law and the Tenant's legal rights, and are in addition to any other rights afforded by law.

**LATE PAYMENTS.** Tenant shall pay a late fee equal to \$100.00 per day, beginning the day after the due date for each payment that is not paid within 12 days after its due date.

**HOLDOVER.** If Tenant maintains possession of the Premises for any period after the termination of this Lease ("Holdover Period"), Tenant shall pay to the Landlord a lease payment for the Holdover Period equal to the normal payment rate set forth in the Lease Payments paragraph. Such holdover shall constitute a month to month extension of this Lease.

**CUMULATIVE RIGHTS.** The rights of the parties under this Lease are cumulative, and shall not be construed as exclusive unless otherwise required by law.

**NON-SUFFICIENT FUNDS.** Tenant shall be charged \$100.00 for each check that is returned to Landlord for lack of sufficient funds.

**INDEMNITY REGARDING USE OF PREMISES.** To the extent permitted by law, Tenant agrees to indemnify, hold harmless, and defend Landlord from and against any and all losses, claims, liabilities, and expenses, including reasonable attorney fees, if any, which Landlord may suffer or incur in connection with Tenant's use or misuse of the Premises.

**DANGEROUS MATERIALS.** Tenant shall not keep or have on the Premises any article or thing of a dangerous, flammable, or explosive character that might substantially increase the danger of fire on the Premises, or that might be considered hazardous by a responsible insurance company, unless the prior written consent of Landlord is obtained and proof of adequate insurance protection is provided by Tenant to Landlord.

MAY-28-00 02:38 AM

**ENVIRONMENTAL ISSUES:** The Tenant agrees not to contaminate the air, soil or water table on, above, around and under the Premises and should it contaminate the Premises; as defined by established laws, regulations or codes by governments or agencies, it will immediately cease such contamination and cure any existing contamination that it has caused at its sole cost. Tenant agrees to indemnify and hold harmless the Landlord for any environmental issues and violations that the Tenant shall cause regarding its use of the Premises and shall immediately correct such issues at its sole cost should they occur. Should environmental operations, license, or permits held by the Tenant be in non-compliance and, or, violation of any government or agency, the Tenant shall immediately cure the non-compliance and, or, violation. In the event of environmental and, or, contamination violations as established as a violation by governments, or, agencies the Landlord may elect to default the Lease in accordance with the default terms in the DEFAULT PARAGRAPH of this Lease subject to a reasonable time given for cure on the part of the Tenant prior to electing DEFAULT provisions.

**MECHANICAL LIENS.** Neither the Tenant nor anyone claiming through the Tenant shall have the right to file mechanics liens or any other kind of lien on the Premises and the filing of this Lease constitutes notice that such liens are invalid. Further, Tenant agrees to (1) give actual advance notice to any contractors, subcontractors or suppliers of goods, labor, or services that such liens will not be valid, and (2) take whatever additional steps that are necessary in order to keep the premises free of all liens resulting from construction done by or for the Tenant.

**FIRST RIGHT OF REFUSAL TO PURCHASE PREMISES:** In the event that the Landlord determines it will sell the Premises, it gives the Tenant the First Right of Refusal to purchase the property on the terms and conditions given by the Landlord, or, the terms and conditions of a potential sale/s available to the Landlord. The Landlord shall give the Tenant written notice that it intends to sell the property, or, has an offer from a third party/s to purchase the property that it is prepared to accept. Once said notice is given, the Tenant has first right of refusal to proceed to purchase the Premises on the terms and conditions of the Landlord, or, the terms and conditions of an offer to purchase which the Landlord intends to accept. The Tenant has ten (10) days during which to accept the terms and conditions of the purchase and an additional thirty (30) days to complete and close the purchase, according to the terms and conditions of the applicable sale.

**NOTICE.** Notices under this Lease shall not be deemed valid unless given or served in writing and forwarded by mail, postage prepaid, addressed as follows:

MAY-29-00 02:38 AM

**LANDLORD:**

Name: Pete and Beverly Madison  
 Address: 2117 Hoffner Avenue  
 Orlando, Florida 32808  
 Phone: 407-257-8441  
 Fax: 407-855-7527

**TENANT:**

Name: Taft Recycling, Inc.  
 Address: 1099 Miller Drive  
 Altamonte Springs, Florida 32701  
 Phone: 407-831-1539  
 Fax: 407-831-3054

Such addresses may be changed from time to time by either party by providing notice as set forth above.

**GOVERNING LAW.** This Lease shall be construed in accordance with the laws of the State of Florida.

**ENTIRE AGREEMENT/AMENDMENT.** This Lease Agreement contains 5 pages plus Exhibits "A" and "B", and Addendum #1 consisting of 3 pages, attached hereto, which constitutes the entire agreement of the parties and there are no other promises or conditions in any other agreement whether oral or written. This Lease may be modified or amended in writing, if the writing is signed by the party obligated under the amendment.

**SEVERABILITY.** If any portion of this Lease shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of this Lease is invalid or unenforceable, but that by limiting such provision, it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

**WAIVER.** The failure of either party to enforce any provisions of this lease shall not be construed as a waiver or limitation of that party's right to subsequently enforce and compel strict compliance with every provisions of this Lease.

**LANDLORD:**

  
 Pete Madison

  
 Beverly Madison

Date 4/19/00

Taft Recycling Services, Inc.

By 

FRANK WARD JR. V.P.  
 Name and Title

Date 4-19-00

MAY-28-00 02:39 AM

**EXHIBIT "A"**  
**LEGAL DESCRIPTION**

**Section 02, Township 24 Range 29, 08.00**

**Lots 41 and 42 consisting of 9.7824 +- acres**

**and**

**Lot 43 consisting of .8207 +- acres (East/West 237.9 ft..  
X 260 ft.)**

**Together with applicable 7<sup>th</sup> Street Right-of-Way  
and, or, its vacated Right-of-Way.**

**NOTE: The final Leasehold will be determined and verified  
by Landlord and Tenant and the final legal description shall  
be inserted on Exhibit "A" once the Landlord and Tenant  
determine and agree upon the occupied Leasehold.**



MAY-28-00 02:40 AM

# **EXHIBIT "B"** **LEASE PAYMENTS**

	<u>9 +/- Acre Site</u>	<u>Office/Bld. &amp; Grounds 3/4 +/- Acre Site</u>
1 <sup>st</sup> Year	<u>\$900.00 mo.</u> <u>Per Acre</u> <u>No CPI</u>	<u>\$4,000.00 mo.</u> <u>Office, Bld. &amp; Grounds</u> <u>No CPI Increase</u>
2 <sup>nd</sup> Year	<u>\$950.00 mo.</u> <u>Per Acre</u> <u>No CPI</u>	<u>\$4,000.00 mo.</u> <u>Office, Bld. &amp; Grounds</u> <u>Plus CPI</u>
3 <sup>rd</sup> Year	<u>\$1,000.00 mo.</u> <u>Per Acre</u> <u>No CPI</u>	<u>\$4,000.00 mo.</u> <u>Office, Bld. &amp; Grounds</u> <u>Plus CPI</u>
4 <sup>th</sup> Year	<u>\$1,000.00 mo.</u> <u>Per Acre</u> <u>Plus CPI</u>	<u>\$4,000.00 mo.</u> <u>Office, Bld. &amp; Grounds</u> <u>Plus CPI</u>
5 <sup>th</sup> Year	NOTE: Lease amount remains the same for the balance of the term and options, plus annual CPI adjustments.	

NOTE: Once the Landlord and Tenant have settled on the Leasehold that the Tenant will actually occupy, related to acreage, the Landlord and Tenant shall mutually agree upon the final acreage calculation of the Leasehold. The final acreage, as agreed, shall be subject to the rates in Column 1 of Exhibit "B".

MAY-28-00 02:40 AM

## **ADDENDUM # 1 REAL ESTATE LEASE**

By and Between:

Pete & Beverly Madison, Landlord

Taft Recycling Services, Inc, Tenant

1. **Government & Agency Permit, License and, or, Related Approval  
Suspension, Revocation, Cancellation:**

The LANDLORD AND TENANT AGREE that the Lease will cancel and be subject to the refund of the \$12,000.00 security deposit, if the security deposit provisions are not in default, if Orange County Government, State of Florida Government, or any applicable government/agency closes operations of Tenant on the leased premises for any reason that is not the fault or in control of the Tenant. Should a government or agency revoke, cancel or suspend business operations of the Tenant, the Tenant agrees that it will apply immediate and best efforts to reestablish that which has been canceled, revoked or suspended to enable continued operations on the premises. Should the Tenant's operations be closed despite diligent pursuit by the Tenant to continue operations the Lease will cancel within thirty (30) days of closure by the applicable government or agency and the Tenant will pay the Lease in full through and until the business operations close. In this event the Landlord and Tenant agree to the Lease cancellation and shall hold each other harmless and indemnify one and the other regarding said termination, subject to the specific terms and conditions of the Lease and the respective responsibilities of the Landlord and Tenant under these terms and conditions. Should the Lease terminate under these conditions, the Tenant, with the sole determination of the Landlord, shall return the Premises to the physical condition in which it existed at the time of occupation. This shall be accomplished within thirty (30) days of the termination and Lease payments shall continue until the Premises is returned to the original condition.

2. **Tenant's Business Licenses, Permits and Governmental Approvals for  
Its Business:**

The Tenant's business shall include a Class III Recycling and Transfer Permit and the obligations of the Landlord and Tenant shall be contingent upon Tenant obtaining a Class III Recycling and Transfer Permit. At such time the Tenant receives the permits and licenses required, Tenant shall notify Landlord that Tenant is prepared to occupy the premises and commence the Lease obligations as set forth herein.

MAY-29-00 02:41 AM

APR-20-00 THU 1:31 PM MADISON PROPERTY

FAX NO. 407 855 7627

APR-21-00 12:24 AM

### 3 Early Occupation of Tenant's Truck and Office Premises.

Landlord and Tenant agree, upon Tenant's election, the Tenant may occupy its truck and office portion of the premises consisting of the mechanical shop building and office with 3/4 + - acres prior to occupying the balance of the premises. The Landlord agrees to make this portion of the premises available no later than June 1, 2000. Upon occupation the Tenant shall pay the Landlord \$4,000.00 per month, plus sales tax, and shall be bound under the remaining terms and conditions of the Lease pertaining to this portion of the Premises. In the event that the Tenant does not receive its permits, business licensing and government approvals for the Class II Recycling and Transfer Operations and does not occupy the remainder of the premises, the Tenant and Landlord agree that the Tenant will lease the occupied premises for a one (1) year period from the date of occupation. In this event, by mutual consent, the Tenant and Landlord may extend the Lease beyond one (1) year based upon terms and conditions of this Lease that applies to this portion of the Premises.

### 4. Tenant's Right to Sublease and Lease Termination:

The Tenant may sublease the Premises or any portion thereof. In the event of a sublease, the Tenant's sublessee/s shall be subject to and comply with all the terms and conditions of the Lease.

### 5. Lease Termination:

Should the Tenant desire an early termination of the Lease the Tenant will pay to Landlord an amount equal to twenty-five percent (25%) of the value of the remainder of the Lease as a penalty not to exceed the ~~total~~ five (5) years of Lease payments. *4-11-00 [Signature]* *4/30/00 [Signature]* *4/30/00 [Signature]*

- A. As an alternative to paying an Early Termination Penalty, the Tenant may substitute a Tenant/s under similar terms of the Lease and the conditions of the market place at the time of Early Termination, as approved by the Landlord. In the event the Tenant seeks a substitute Tenant/s the Landlord shall cooperate fully with the Tenant, shall not withhold reasonable approvals, and shall assist Tenant to seek and secure a replacement Tenant/s and to conclude a new Lease and move-in of the Replacement Tenant/s.

MAY-26-00 02:41 AM

- B. In the event of early termination, the Tenant with sole determination of the Landlord, shall return the Premises to its physical condition in which it existed at the time of occupation. This shall be accomplished within thirty (30) days of the termination and Lease payments shall continue until the Premises is returned to the original condition.

6. Tenant's Property Tax Appeal Right:

Landlord agrees that Tenant has the right to protest any increase in assessed valuation that affects the subject premises. Any and all fees and expenses associated with a real estate tax protest shall be the Tenant's sole responsibility; however, any decrease in the assessed valuation that results in a decrease in applicable real estate taxes shall inure to the benefit of the Tenant hereunder.

LANDLORD:

Pete Madison  
Pete Madison

Beverly Madison  
Beverly Madison

Date 4/19/00

TAFT RECYCLING SERVICES, INC.

By: Frank Ward II

FRANK WARD II, V.P.  
Name and Title

Date 4-19-00

**ATTACHMENT F**  
**CONTINGENCY PLAN**

**ATTACHMENT F**  
**CONTINGENCY PLAN**

Contingency plans are discussed in both the Engineering Report and the Operations Plan.

**ATTACHMENT G**  
**CLOSURE PLAN**

**ATTACHMENT G**  
**CLOSURE PLAN**

FRS will notify the County and FDEP of the pending Facility closure a minimum of 180 days prior to shutting down the site. Upon application for closure, FRS will submit information on waste removal and equipment removal. Within 30 days after receiving the final waste load, all waste and recoverable/recyclable materials will be removed from the site.



TABLE 1

**CLOSURE COST ESTIMATE**  
**TAFT RECYCLING, INC. - SOUTH ORLANDO TRANSFER STATION**  
**TAFT, FLORIDA**

Material Type	Maximum Storage Quantity	Density (lbs/CY)	Unit Rates		Totals \$	Disposal/Locations
			Load/CY *	Haul/Load *		
Unprocessed Class III <sup>(1)</sup>	700 CY	400	\$0.50	\$140	\$3,738.00	Orange County Class III Landfill
Unprocessed C&D <sup>(1)</sup>	700 CY	667	0.50	140	\$4,248.13	C&D Landfill
Yard Trash <sup>(1)</sup>	15,000 CY	296	0.50	100	\$85,437.00	Orange County Class III Landfill
Recovered Concrete <sup>(4)</sup>	10,000 CY	4,000	0.50	140	\$28,333.33	Concrete Recycler
Asphaltic Concrete <sup>(4)</sup>	2,500 CY	1,380	0.50	140	\$7,083.33	Concrete Recycler
Roofing Tiles <sup>(4)</sup>	200CY	2,000	0.50	140	\$4,066.67	Orange County Class III Landfill
Recovered Cardboard <sup>(3)</sup>	60 CY	100	0.50	140	\$291.60	Orange County Class III Landfill
Paper <sup>(3)</sup>	60 CY	600	0.50	140	\$549.60	Orange County Class III Landfill
Metal Ferrous <sup>(3)</sup>	60 CY	400	0.50	140	\$446.40	Orange County Class III Landfill
Metal Aluminum <sup>(3)</sup>	60 CY	250	0.50	140	\$369.00	Orange County Class III Landfill
Glass <sup>(2)</sup>	60 CY	1,000	0.50	140	\$966.00	Orange County Class III Landfill
Plastic <sup>(3)</sup>	60 CY	75	0.50	140	\$278.70	Orange County Class III Landfill
Recovered Wood <sup>(1)</sup>	1000 CY	600	0.50	100	\$5,250.00	C&D Landfill
Tires <sup>(2)</sup> Reject	30 CY	100	0.50	140	\$373.50	Orange County Class III Landfill
Class I <sup>(2)</sup> Reject	10 CY	1,250	0.50	140	\$266.56	Orange County Class I Landfill
RSM (fines) <sup>(4)</sup>	60 CY	1,000	0.50	140	\$686.00	Orange County Class III Landfill
<b>Contingency (10%)</b>					<b>\$14,232.38</b>	
<b>Estimated Closure Costs</b>					<b>\$156,556.20</b>	

Notes: Storage Location of Material is shown on the Site Plan, C-1

- (1) Transportation cost based on load capacity of 100 cyds or 25/tons load.
- (2) Transportation cost based on load capacity of 20 cyds.
- (3) Transportation cost based on load capacity of 40 cyds.
- (4) Transportation cost based on load capacity of 60 cyds.

\* Agreement with adjacent concrete crusher (Taft Pit, Inc.) to accept recovered concrete at no charge.

*James E. Golden* 8/21/00  
 James E. Golden, P.G.

*Roderick K. Cashe*  
 Roderick K. Cashe, P.E.

FL. Reg. No. 45,169

**ATTACHMENT H**  
**FINANCIAL ASSURANCE**

TABLE EFO  
RECYCLING INC. - SOUTH OI  
CLOSURE COST

**STATE OF FLORIDA**  
**SOLID WASTE MANAGEMENT FACILITY FINANCIAL GUARANTEE BOND**  
**TO DEMONSTRATE FINANCIAL ASSURANCE**  
**FOR**

☒ **Closing**      ☐ **Long-Term Care**      ☐ **Corrective Action**  
[Check Appropriate Box(es)]

The term "Required Action" as used in this document means closing, long-term care, or corrective action, or any combination of these, which is checked above.

Date bond executed: \_\_\_\_\_

Effective date: \_\_\_\_\_

Principal: Taft Recycling, Inc.  
1099 Miller Drive, Altamonte Springs, FL 32701  
Legal Name and Business Address of Owner or Operator

Type of Organization:    ☐ Individual      ☐ Joint Venture      ☐ Partnership      ☒ Corporation  
Check One

State of Incorporation: Florida

Surety(ies): Horton Insurance, Inc.  
14400 John Humphrey Drive, Orland Park, IL 60462  
Name(s) and Business Address(es)

List for each facility: FDEP GMS Identification Number, name, and address. Indicate "Required Action" amounts for each facility separately.

<u>FDEP GMS- I.D. No.</u>	<u>Name</u>	<u>Address</u>	<u>Required Action Amount</u>
	S. Orlando T.S.	375 - 7th Street	
	Taft Recycling, Inc.	Taft, FL 32824	\$ 156,556.20

Total penal sum of bond: \$ 156,556.20

Surety's bond number: \_\_\_\_\_

Know All Persons By These Presents, That we, the Principal and Surety(ies) hereto are firmly bound to the Florida Department of Environmental Protection (hereinafter called FDEP), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be full amount of the penal sum.

WHEREAS, said Principal is required, under the Florida Solid Waste Management Act as amended, to have a permit in order to construct, operate or close each solid waste management facility identified above, and

WHEREAS, said Principal is required to provide financial assurance for the "Required Action," as a condition of the permit(s), and

WHEREAS, said principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

NOW, THEREFORE, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of final closure of each facility identified above, fund the standby trust fund in the amount(s) identified above for the facility,

Or, if the Principal shall fund the standby trust fund in such amount(s) within 15 days after an order to begin closure is issued by the Secretary of the FDEP or a U.S. district court or other court of competent jurisdiction,

Or, if the Principal shall provide alternate financial assurance and obtain the FDEP Secretary's written approval of such assurance, within 90 days after the date of notice or cancellation is received by both the Principal and the FDEP Secretary from the Surety(ies), then this obligation shall be null and void, otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by FDEP Secretary that the Principal has failed to perform as guaranteed by this bond, the Surety(ies) shall place funds in the amount guaranteed for the facility(ies) into the standby trust fund as directed by the FDEP Secretary.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the Secretary of the FDEP; however, cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the FDEP Secretary, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the Secretary of the FDEP.

Principal and Surety(ies) hereby agree to adjust the penal sum of the bond yearly so that it guarantees a new "Required Action" amount, provided that the penal sum does not increase by more than 20 percent in any one year, and no decrease in the penal sum takes place without the written permission of the FDEP Secretary.

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this Financial Guarantee Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies).

PRINCIPAL

CORPORATE SURETY(IES)

For each co-surety provide the following

Signature

Name and address

Frank Ward, Jr., Vice President

Type Name and Title

State of Incorporation

Liability Limit \$

Signature

Type Name and Title

Corporate Seal

Corporate Seal

Bond premium: \$

**STATE OF FLORIDA**  
**SOLID WASTE MANAGEMENT FACILITY STANDBY TRUST FUND AGREEMENT**  
**TO DEMONSTRATE FINANCIAL ASSURANCE**

**FOR**

☐ **Closing**      ☐ **Long-Term Care**      ☐ **Corrective Action**

[Check Appropriate Box(es)]

TRUST AGREEMENT, the "Agreement," entered into as of \_\_\_\_\_ Date

by and between Taft Recycling, Inc. \_\_\_\_\_

Name of the Owner or Operator

a Florida \_\_\_\_\_, the "Grantor,"  
Name of state      Corporation  
Insert "corporation," "partnership," "association," or "proprietorship"

and \_\_\_\_\_

Name and Address of Corporate Trustee

\_\_\_\_\_, the "Trustee."  
Insert "incorporated in the state of \_\_\_\_\_" or "a national bank"

WHEREAS, the Florida Department of Environmental Protection (FDEP), an agency of the State of Florida, has established certain regulations applicable to the Grantor, requiring that an owner or operator of a solid waste management facility shall provide assurance that funds will be available when needed for the "Required Action" of the facility,

WHEREAS, the Grantor has elected to establish a trust to provide all or part of such financial assurance for the facilities identified herein,

WHEREAS, the Grantor, acting through its duly authorized officers, has selected the Trustee to be the trustee under this agreement, and the Trustee is willing to act as trustee,

NOW, THEREFORE, the Grantor and the Trustee agree as follows:

Section 1. Definitions. As used in this Agreement:

- (a) The term "Grantor" means the owner or operator who enters into this Agreement and any successors or assigns of the Grantor.
- (b) The term "Trustee" means the Trustee who enters into this Agreement and any successor Trustee.
- (c) The term "FDEP" means the Florida Department of Environmental Protection, an Agency of the State of Florida or any successor thereof.
- (d) The term "Required Action," as used in this document means closure, post-closure care, or corrective action, or any combination of these, which is checked above.

Section 2. Identification of Facilities and Cost Estimates. This Agreement pertains to the facilities and cost estimates identified on attached Schedule A.

On Schedule A, for each facility list the FDEP GMS Identification Number, name, address, and the current "Required Action" cost estimates, or portions thereof, for which financial assurance is demonstrated by this Agreement.

Section 3. Standby Trust. This Trust shall remain dormant until funded with the proceeds from the Bond No. \_\_\_\_\_ as listed on Schedule B. The Trustee shall have no duties or responsibilities

Insert "Letter of Credit" or "Surety Bond".

beyond safekeeping this Document. Upon funding this Trust shall become active and be administered pursuant to the terms of this instrument.

Section 4. Establishment of Fund. The Grantor and the Trustee hereby establish a trust fund (the Fund), for the benefit of the FDEP. The Grantor and the Trustee intend that no third party have access to the Fund except as herein provided. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. Such property and any other property subsequently transferred to the Trustee is referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, IN TRUST, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities of the Grantor established by the FDEP.

Section 5. Payment for Closure, Post-Closure Care, and Corrective Action. The Trustee shall make payments from the Fund as the FDEP Secretary shall direct, in writing, to provide for the payment of the costs of "Required Action" of the facilities covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the FDEP Secretary from the Fund for "Required Action" expenditures in such amounts as the FDEP Secretary shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the FDEP Secretary specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

Section 6. Payments Comprising the Fund. Payments made to the Trustee for the Fund shall consist of cash or securities acceptable to the Trustee and shall consist solely of proceeds from the Bond No.

"Insert 'Letter of Credit' or 'Surety Bond'."

Section 7. Trustee Management. The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this Section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge his duties with respect to the trust fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with like aims; except that:

- (a) Securities or other obligations of the Grantor, or any other owner or operator of the facilities, or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2.(a), shall not be acquired or held, unless they are securities or other obligations of the Federal or a State government;
- (b) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the Federal or a State government; and
- (c) The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

Section 8. Commingling and Investment. The Trustee is expressly authorized in its discretion:

- (a) To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to participate, subject to all of the provisions thereof, to be commingled with the assets of other trusts participating therein; and
- (b) To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a-1 et seq., including one which may be created, managed, underwritten, or to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote such shares in its discretion.

Section 9. Express Power of Trustee. Without in any way limiting the powers and discretions conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

- (a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;



(b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;

(c) To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States Government, or any agency or instrumentality thereof, with a Federal Reserve bank, but the books and records of the Trustee shall at all times show that all such securities are part of the Fund;

(d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the Federal or a State government; and

(e) To compromise or otherwise adjust all claims in favor of or against the Fund.

**Section 10. Taxes and Expenses.** All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and all other proper charges and disbursements of the Trustee shall be paid from the Fund.

**Section 11. Annual Valuation.** The Trustee shall annually, at least 30 days prior to the anniversary date of establishment of the Fund, furnish to the Grantor and to the Secretary of the FDEP a statement confirming the value of the Trust. Any securities in the Fund shall be valued at market value as of no more than 60 days prior to the anniversary date of establishment of the fund. The failure of the Grantor to object in writing to the Trustee within 90 days after the statement has been furnished to the Grantor and the FDEP Secretary shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to matters disclosed in the statement.

**Section 12. Advice of Counsel.** The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any question arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

**Section 13. Trustee Compensation.** The Trustee is authorized to charge against the principal of the Trust its published Trust fee schedule in effect at the time services are rendered.

**Section 14. Successor Trustee.** The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor Trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall specify the date on which it assumes administration of the trust in a writing sent to the Grantor, FDEP Secretary, and the present Trustee by certified mail 10 days before such change becomes effective. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 10.

**Section 15. Instructions to the Trustee.** All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are designated in the attached Exhibit A or such other designees as the Grantor may designate by amendment to Exhibit A. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the FDEP Secretary to the Trustee shall be in writing, signed by the FDEP Secretary, or the designee, and the Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event

constituting a change or a termination of the authority of any person to act on behalf of the Grantor or the FDEP hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or the FDEP, except as provided for herein.

Section 16. Amendment of Agreement. This Agreement may be amended by an instrument in writing executed by the Grantor, the Trustee, and the FDEP Secretary, or by the Trustee and the FDEP Secretary if the Grantor ceases to exist.

Section 17. Irrevocability and Termination. Subject to the right of the parties to amend this Agreement as provided in Section 16, this Trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the FDEP Secretary, or by the Trustee and the FDEP Secretary, if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

Section 18. Immunity and Indemnification. The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any directions by the Grantor or the FDEP Secretary issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor or from the Trust Fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all expenses reasonably incurred in its defense in the event the Grantor fails to provide such defense.

Section 19. Choice of Law. This Agreement shall be administered, construed, and enforced according to the laws of the State of Florida.

Section 20. Interpretation. As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each Section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement.

IN WITNESS WHEREOF the parties have caused this Agreement to be executed by their respective officers duly authorized and their corporate seals to be hereunto affixed and attested as of the date first above written.

\_\_\_\_\_  
Signature of Grantor    Horton Insurance, Inc.

\_\_\_\_\_  
Signature of Trustee (Local Bank)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature of Witness or Notary

\_\_\_\_\_  
Signature of Witness or Notary

\_\_\_\_\_  
Seal

\_\_\_\_\_  
Seal

BELOW ARE EXAMPLES OF THE FOUR REQUIRED ATTACHMENTS THAT MUST ACCOMPANY A TRUST FUND AGREEMENT. THEY ARE ONLY EXAMPLES OF FORMATS ACCEPTABLE TO THE DEPARTMENT. THEREFORE, VARIATIONS CONTAINING THE REQUIRED INFORMATION ARE ALSO ACCEPTABLE.

CERTIFICATION OF ACKNOWLEDGMENT FOR  
SOLID WASTE MANAGEMENT FACILITY TRUST FUND AGREEMENT

State of Florida

County of Orange

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by  
Frank Ward, Jr. as Officer  
(Name of person) (Type of authority, e.g., officer, trustee, etc.)  
for Taft Recycling, Inc., the corporation described in and which  
(Name of party on behalf of whom instrument was executed)  
executed the above instrument.

\_\_\_\_\_  
Signature of Notary Public, State of Florida

\_\_\_\_\_  
Print, Type, or Stamp Commissioned Name of Notary Public

Personally Known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_

SCHEDULE A

This Agreement demonstrates financial assurance for the following cost estimate(s) for the following facility(ies):

(Indicate "Required Action" for each facility)

GMS I.D. No.: \_\_\_\_\_

COST ESTIMATES:

NAME: Taft Recycling, Inc.

Closure \$156,556.20

ADDRESS: 375 7th Street

Post-Closure \$ - 0 -

Taft, Florida 32824

Corrective Action \$ - 0 -

Total \$156,556.20

**SCHEDULE B**

The Fund is established initially as consisting of the following property:

N/A  
(List the property used to establish the trust fund (e.g. [check # \_\_\_\_\_ in the amount of \$156,556.20])

---

---

**EXHIBIT A**

All orders, requests, and instructions by the grantor to the Trustee shall be in writing and signed by one of the following persons:

George Ward  
Name

President  
Title

Frank Ward, Jr.  
Name

Vice President  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

**ATTACHMENT I**

**ENFORCEMENT HISTORY**

**ATTACHMENT I**  
**ENFORCEMENT HISTORY**

Taft Recycling, Inc. has no enforcement history with the Department or other local agencies.

**ATTACHMENT J**  
**GEOTECHNICAL REPORT**

**Preliminary Subsurface Soil Exploration  
Proposed Florida Recycling Services  
South Orlando Transfer Station  
Orange County, Florida**







**Geotechnical Professional  
Associates, Inc.**

*Geotechnical & Environmental Consultants*

August 21, 2000  
File No. 00-1053

Hartman & Associates, Inc.  
201 E. Pine Street, Suite 1000  
Orlando, Florida 32801

Attention: Mr. Jim Golden

Subject: Preliminary Subsurface Soil Exploration  
Proposed Florida Recycling Services  
South Orlando Transfer Station  
Orange County, Florida

Dear Mr. Golden:

As requested and authorized by you, we have completed a preliminary subsurface soil exploration for the subject project. The purpose of performing this exploration was to evaluate the general subsurface soil conditions at five locations on the site as designated by you. This report documents our findings.

#### **SITE LOCATION AND SITE DESCRIPTION**

The subject site is located on 7<sup>th</sup> Street in Taft, Orange County, Florida. The site is currently relatively clear and occupied by various storage trailers.

#### **FIELD EXPLORATION PROGRAM**

The field exploration program consisted of performing five Standard Penetration Test (SPT) borings at locations selected by you. The locations of these borings are schematically illustrated on a site plan shown on Figure 1.

The borings were advanced to depths of thirty feet below the ground surface using the methodology outlined in ASTM D-1586. A summary of this field procedure is included in the Appendix. Split spoon soil samples recovered during performance of the borings were visually classified in the field and representative portions of the samples were transported to our laboratory in sealed sample jars for further classification and laboratory testing.

The groundwater level at each of the boring locations was measured upon completion of drilling.

6816 Hanging Moss Road  
Orlando, Florida 32807  
(407) 671-6554 FAX (407) 671-5540

## **LABORATORY TESTING PROGRAM**

Representative soil samples obtained during our field sampling operation were packaged and transferred to our laboratory for further visual examination and classification. The soil samples were visually classified in general accordance with the Unified Soil Classification System (ASTM D-2488). The resulting soil descriptions are shown on the soil boring profiles presented on Figure 2.

## **GENERAL SUBSURFACE CONDITIONS**

### **General Soil Profile**

The results of the field exploration and laboratory testing programs are graphically summarized on the soil boring profiles presented on Figure 2. The stratification of the boring profiles represents our interpretation of the field boring logs and the results of laboratory examinations of the recovered samples. The stratification lines represent the approximate boundary between soil types. The actual transitions may be more gradual than implied.

The results of our test borings indicate that the soil profile consists primarily of fine sands to silty fine sands. SPT N values indicate that the relative density of the soil ranges from loose to medium dense. Several borings encountered varying degrees and significant amounts of organic/concrete debris (fill). Clayey fine sand was encountered between depths of 22.5 and 30 feet in borings B-2 and B-3. Additionally, the SPT sampler was advanced by the weight of the drilling rods (WOR) at 28.5 feet deep, indicating very loose conditions or a void.

The above soil profile is outlined in general terms only. Please refer to Figure 2 for soil profile details.

### **Measured Groundwater Level**

The groundwater level was measured in the boreholes on the day drilled after stabilization of the downhole water level. The measured groundwater level was encountered at depths ranging from 8 to 8.5 feet below the existing ground surface on the date drilled. Fluctuations in groundwater levels should be anticipated throughout the year primarily due to seasonal variations in rainfall and other factors that may vary from the time the borings were conducted.

## **NORMAL SEASONAL HIGH WATER TABLE**

The normal seasonal high water table each year is the level in the August-September period at the end of the rainy season. The water table elevations associated with a 100-year flood level would be much higher than the normal seasonal high water table elevations. The normal high water levels would more approximate the seasonal high water table elevations.

The seasonal high water table is affected by a number of factors. The drainage characteristics of the soils, the land surface elevation, relief points such as lakes, rivers, swamp areas, etc., and distance to relief points are some of the more important factors influencing the seasonal high water table elevation.

Based on our interpretation of the site conditions using our boring logs, we estimate the normal seasonal high groundwater table to be approximately 2 feet above the groundwater levels shown on Figure 2.

### **PRELIMINARY ENGINEERING EVALUATION**

The borings for this preliminary subsurface soil exploration indicate that there are two major soil conditions on-site that exhibit very different suitabilities for the proposed facility based on foundation considerations.

The organic/concrete debris, as encountered in several of the borings, may not be suitable for supporting the proposed structure(s). This material, when loaded by a structure, may cause significant and uneven structure settlement. Although significant thicknesses of this material were only encountered in two borings, our concern is that this may represent an uncontrolled excavation/fill process. Other similar areas may exist on the site.

With the exception of the organic/concrete debris encountered in Borings B-1, B-5, and possibly B-4, the existing sandy soils, with proper site preparation (i.e.; stripping, grubbing, compacting, and addition of fill soils as required, etc.), should be suitable for supporting the proposed structures on conventional shallow foundations. Fill soils, including existing fill and future fill, must be compacted.

We recommend that once the proposed structure locations (i.e., those structures requiring shallow foundations and concrete slabs supporting heavy loads) are finalized, additional field exploration be conducted. This additional field program should primarily consist of excavating test pits within the "footprints" of the proposed structures. Geotechnical Professional Associates' representative should be present during this test pit exploration to observe the soil conditions and to determine the suitability of the soils for the proposed construction. Additional SPT borings should also be conducted in proposed structure areas not covered by the SPT borings done during this study.

**Without the aid of exact structure locations and loading conditions, the following are our preliminary recommendations for those structure areas containing buried debris:**

This organic/concrete debris and/or soil containing significant debris should be removed from beneath the proposed structure areas to a horizontal distance of 5 feet beyond the "footprint" of the structure. Where relatively deep deposits of debris (i.e., deeper than 5 feet below existing ground) is encountered below a structure area, we recommend that the debris be excavated to its entire depth to a horizontal distance equivalent to the depth of the debris below the existing ground surface (e.g.; if debris is encountered to a depth of 10 feet in a structure area, the debris should be excavated to its entire depth and to a horizontal limit of 10 feet beyond the outside edge of the structure).

Based on the results of our borings, this buried debris may exist at depths up to 27 feet below the ground surface. It will likely be cost prohibitive to overexcavate this debris to depths greater than 10 or 15 feet. Depending on the foundation types and loading conditions, it may be possible to undergo a partial excavation of the debris in order to provide suitable foundation material for the proposed structures. For

massive excavation and dewatering problems. A geotextile filter fabric could then be placed in the bottom of excavation and the excavations backfilled with compacted fill soils. More detailed engineering analyses would need to be conducted to provide final recommendations for this option.

The excavated debris must not be used as structural fill and should be disposed of as directed by the owner.

### CLOSURE

The data and preliminary recommendations submitted herein are based on the results of borings presented on Figure 2. This report does not reflect any variations which may occur adjacent to or between the borings. The nature and extent of the variations between the borings may not become evident until during further exploration or construction. If variations then appear evident, it will be necessary to re-evaluate the conclusions presented in this report after performing on-site observations and noting the characteristics of the variations.

This study is based on relatively shallow explorations and is not intended to be an evaluation for sinkhole potential. It is also noted that this report does not include an evaluation of the environmental (ecological or hazardous/toxic material related) condition of the site and subsurface.

This report has been prepared for the exclusive use of Hartman & Associates, Inc. in accordance with generally accepted soil and foundation engineering practices. In the event any changes occur in the design, nature, or location of the proposed facility, we should review the applicability of conclusions and recommendations in this report. We also recommend a general review of final design and specifications by our office to make sure that earthwork and foundation recommendations are properly interpreted and implemented in the design specifications.

We are pleased to be of assistance to you on this phase of your project. When we may be of further service to you or should you have any questions, please contact us.

Sincerely,

GEOTECHNICAL PROFESSIONAL ASSOCIATES, INC.



Shelley B. Gisclar, P.E.  
President



Christopher P. Meyer, P.E.  
Senior Project Engineer  
Florida Registration No. 49328

CPM/TLS/vfs



# LEGEND

## NOTES:

- UPON COMPLETION OF BORINGS, THE BOREHOLES WERE BACKFILL WITH SOIL CUTTINGS UNLESS OTHERWISE NOTED.

SAND (SP)  
SAND WITH SILT (SP-SM)

CLAYEY SAND (SC)

SILTY CLAYEY SAND (SM,SC)

FINE SAND  
SAND WITH  
CONCRETE

SILTY SAND

B- STANDARD PENETRATION TEST (SPT) BORING LOG

SP, SP-SM  
SM, SC, CH, ML  
UNIFIED SOIL CLASSIFICATION SYSTEM

← COMPLETE LOSS OF DRILLING FLUID CIRCULATION

N STANDARD PENETRATION RESISTANCE IN BLOWS

▽ GROUNDWATER LEVEL MEASURED ON DATE DRILL

B.T. BORING TERMINATION DEPTH IN FEET

WOR SAMPLER ADVANCED BY WEIGHT OF RODS ONLY

## ENGINEERING CLASSIFICATION

### 1 COHESIONLESS SOILS

#### DESCRIPTION

VERY LOOSE  
LOOSE  
MEDIUM DENSE  
DENSE  
VERY DENSE

#### BLOW COUNT "N"

0 TO 4  
4 TO 10  
10 TO 30  
30 TO 50  
>50

## STANDARD PENETRATION TEST DATA:

SPOON I.D.= 1.5 IN  
SPOON O.D.= 2.0 IN  
HAMMER DROP= 30 IN  
HAMMER WEIGHT= 140 LB  
HAMMER TYPE= MANUAL  
DRILL RIG: CME 75

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE REACHES, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPLIED AND THE DESCRIPTION REPRESENTS OUR INTERPRETATION OF SUBSURFACE CONDITIONS AT THE DESIGNATED BORING LOCATIONS ON THE DATE DRILLED.

GROUNDWATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR.

7-26-00  
B-5

N

DARK GRAY FINE  
SAND WITH TRACES  
OF ORGANICS (SP)(FILL)

DARK BROWN SILTY FINE  
SAND WITH ORGANIC/  
CONCRETE DEBRIS (FILL)

BROWN FINE SAND  
WITH ORGANIC/  
CONCRETE DEBRIS (FILL)

LIGHT BROWN FINE  
SAND (SP)

BT=30'  
CASING TO 27'

FEET

DEPTH

## BORING PROFILES

PROPOSED RECYCLERY  
TAFT, FLORIDA

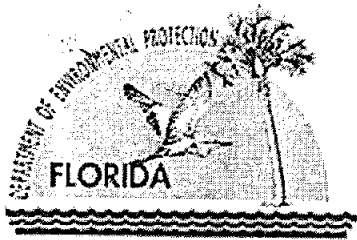
FIGURE 2

CADD FILE: 00-1053 8/15/00

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

## **AUGER BORINGS**

Auger borings are used when a relatively large, continuous sampling of soil strata close to ground surface is desired. A 4-inch diameter, continuous flite, helical auger with a cutting head at its end is screwed into the ground in 5-foot sections. It is powered by the rotating action of the Kelley bar of a rotary drill rig. The sample is recovered by withdrawing the auger out of the ground without rotating it. The soil sample so obtained, is classified and representative samples put in bags or jars and brought back to the laboratory for classification testing.



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-03-0284

Orange County - SW  
South Orlando Materials Recovery Facility - WPF  
Storage Method for Recovered Screen Materials &  
Reduction in Storage Quantities of Concrete,  
Asphalt and Yard Waste - Minor Modification  
Modification of Permit No. SO48-0173968-002  
Permit Application No. SO48-0173968-003

Dear Mr. Briarton:


In response to the request submitted August 7, 2003, by Jennifer L. Deal, P.E. of Hartman & Associates, Inc., Permit No. SO48-0173968-002 is modified to include a change in the storage method for Recovered Screen Materials (RSM). RSM will be stored in a concrete block containment area, approximately 16-feet by 18-feet in size. An industrial tarp shall be used to cover this storage area during rain, high wind, and at all times that the facility is not operating. The requested modification also includes a reduction in storage quantities of concrete, asphalt and yard waste, and an associated change in probable closure cost.

The information submitted on August 7, 2003, on file at the Central District office, is made a part of the subject permit.


All other conditions of the subject permit remain unchanged.

This letter must be attached to Permit no. SO48-0173968-002 and becomes part of that permit.

Sincerely,

  
F. Thomas Luboynski, P.E., CIH  
Waste Program Administrator

Date: 8/22/03

  
FTL/gc/ew

cc: Richard Tedder, P.E. - DEP - Tallahassee  
Jennifer L. Deal, P.E. - Hartman & Associates, Inc.  
[jld@consulthai.com](mailto:jld@consulthai.com)  
James Becker - Orange County Solid Waste Division  
[jim.becker@ocfl.net](mailto:jim.becker@ocfl.net)  
Orange County Environmental Protection Department



## Events Scheduled

76 of 90

Site # 0173968

Site Name SOUTH ORLANDO MATERIALS RECOVERY FACILITY (SW)

Permit # 0173968-003-SO

Type/Subtype SO / MM

Received 08/07/2003

Project # 003

Project Name SOUTH ORLANDO MATERIALS MODIFICATION OF S048-6173968-002

&gt; ISSUE PERMIT: Issued

PERMIT APPL# S048-0173968-003  
EXPIRATION DATE 12/18/2005

Event	Begin Date	Period	Due Date	Rmn	Status	End Date
Receive Request	08/07/2003	1	08/08/2003		Done	08/07/2003
Fee Verification	08/07/2003	2	08/09/2003		Sufficient Fee	08/09/2003
Completeness Review	08/07/2003	30	09/06/2003		Complete	08/07/2003
Determine Agency Action	08/07/2003	90	11/05/2003		Issue	08/22/2003
Issue Final Permit	08/22/2003	14	09/05/2003		Issued	08/22/2003
STOP CLOCK	08/22/2003	1	08/23/2003		Done	08/22/2003
ISSUE PERMIT	08/22/2003	1	08/23/2003		Issued	08/22/2003



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

## NOTICE OF PERMIT

### CERTIFIED

7099 3400 0010 0518 4085

In the matter of an  
Application for Permit  
by:

Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, FL 32701

Orange County - SW  
South Orlando Materials Recovery Facility - MRF  
DEP File Nos. SC48-0173968-001 & SO48-0173968-002

Dear Mr. Briarton:

Enclosed are Permit Numbers SC48-0173968-001 & SO48-0173968-002 to construct and operate the South Orlando Materials Recovery Facility, issued under Section(s) 403.061(14) and 403.707, of the Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

Vivian F. Garfein  
Director of District Management  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803  
407/894-7555

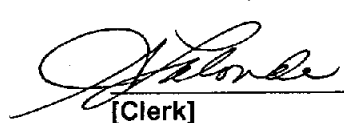
Date January 17, 2001

"More Protection, Less Process"

Printed on recycled paper.

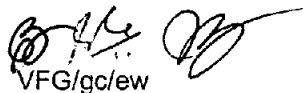
FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7),  
Florida Statutes, with the designated Department  
Clerk, receipt of which is hereby acknowledged.

  
[Clerk] 1/17/01  
[Date]

CERTIFICATE OF SERVICE

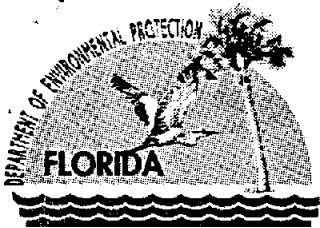
The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT  
and all copies were mailed before the close of business on 1/17/2001 to the listed persons.

  
VFG/gc/ew

Enclosure

Copies furnished to:

Mary Jean Yon - DEP - Tallahassee  
Fred Wick - DEP - Tallahassee (w/o attachments)  
Jim Becker - Orange County Solid Waste Division  
Orange County Environmental Protection Department  
James E. Golden, P.G. - Hartman & Associates, Inc.  
Roderick K. Cashe, P.E. - Hartman & Associates, Inc.



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

Permittee:  
Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

I. D. Number:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Date of Issue:  
Expiration Date: December 18, 2005  
County: Orange  
Section/Township/Range:  
2/24 South/29 East  
Latitude/Longitude:  
28°25'33" North/81°22'59" West  
Project: South Orlando Materials Recovery  
Facility - MRF

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

To construct & Operate the South Orlando Materials Recovery Facility to service Orange, Osceola, and Seminole Counties. The property consists of approximately 10.6 acres with an existing office building, vehicle maintenance building and sorting areas.

The material delivered to the site will consist of Class III waste, as defined in Rule 62-701.340, F.A.C., which includes yard trash, concrete, wood wastes, building debris, cardboard, carpet, paper, glass, metal, plastic, waste tires, and furniture, and could be source separated or mixed loads. The loads will be directed to a mixed material sorting area for separation and transfer to the appropriate bins. Processing will include sorting of mixed loads, compacting of cardboard, and chipping of wood material.

**LOCATION:** The facility is located at 375 - 7th Street, Taft, in Section 2, Township 24 South, Range 29 East, in Orange County, Florida.

**General Conditions are attached to be distributed to the permittee only.**

DER FORM 62-1.201(5) Effective November 30, 1982 Page 1 of 6.

**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, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) 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 personal 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, as required by Department rules. This provision includes the operation of backup and auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
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 this 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.
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 Section 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.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-30.300, Florida Administrative Code (F.A.C.), 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:
  - ( ) Determination of Best Available Control Technology (BACT)
  - ( ) Determination of Prevention of Significant Deterioration (PSD)
  - ( ) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - ( ) 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 information) 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.
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.

PERMITTEE:  
Taft Recycling, Inc.

Attention: Mr. Joe Briarton

I. D. NUMBER:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Expiration Date: December 18, 2005

SPECIFIC CONDITIONS:

1. Plans & Specifications: Drawings, plans, documents and specifications submitted by the permittee, not attached hereto, but remain on file at the Central District office, are made a part of this permit.
2. Inspection Requirements: A copy of the permit, with a complete copy of the permit application and engineering drawings shall be kept on file at the facility for inspection and review upon request.
3. Other Permits: This permit does not relieve the permittee from complying with any other appropriate stormwater, MSSW or other permit requirements.
4. Signs: Signs indicating the name of the operating authority, traffic flow, hours of operation, charges for disposal and the types of wastes accepted shall be placed at all entrances to the facility.
5. Site Access: Access to the site shall be restricted by an effective barrier designed to prevent unauthorized entry and dumping.
6. Litter, Dust & Fire Protection: The facility shall have litter control devices, dust controls, fire protection and fire-fighting facilities. Litter is to be picked up and litter control devices are to be cleaned.
7. Safety Devices: Safety devices shall be provided on equipment to shield and protect the operators from potential hazards during operation.
8. Effluent Discharge: There shall be no discharge of liquid effluents or contaminated runoff to surface or ground water without prior approval from this Department.
9. Surface Water Management: All surface water runoff from the site shall be collected and treated to meet the requirements of Chapters 373 and 403, Florida Statutes, (F.S.), prior to discharge off-site. The surface water management system shall prevent surface water flow into waste storage areas.
- ✓ 10. Leachate & Other Liquid Wastes: The facility shall provide a suitable system for the collection and treatment necessary to meet water quality standards of all leachate and other liquid wastes such as washdown water produced as a result of the operation of the facility.
11. Control of Nuisance Conditions: The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. Such controls shall prevent the creation of nuisance conditions that may arise from noxious, unpleasant, or disagreeable odors on adjacent or nearby properties and users. Complaints received from the general public shall be immediately investigated by the permittee and, where warranted, take corrective actions to abate the adverse odor.

PERMITTEE:  
Taft Recycling, Inc.

Attention: Mr. Joe Briarton

I. D. NUMBER:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Expiration Date: December 18, 2005

SPECIFIC CONDITIONS:

12. Clean-up of Solid Waste Storage Areas: All solid waste storage areas shall be maintained and cleaned at the end of each day's operation or during continuous operation, as necessary, to prevent fly, rodent and other vector problems.
13. Allowable Wastes: This facility shall only process wastes that are acceptable for disposal at a Department permitted Class III landfill.
14. Storage of Solid Waste, Recovered Materials and Residues: All solid waste, recovered materials or residues handled at the facility shall be stored in a manner so as not to constitute a fire or safety hazard or a sanitary nuisance, and shall comply with all applicable local and state regulations.
15. Facility Shut-down: During any periods the facility is not operating, whether due to a planned or emergency shutdown, all incoming waste shall be directed to a Department permitted landfill or disposal facility for disposal. Any remaining waste on the tipping floor shall also be picked up and hauled away.
16. Equipment Breakdown: In the event of equipment malfunction, destruction, breakdown or other problems resulting in the permittee being temporarily unable to comply with any of the conditions of this permit, the Department is to be immediately notified by the permittee as to the cause, what steps are being taken to correct the problem and prevent its recurrence as required by Rule 62-4.130, F.A.C.
17. Unprocessed Solid Waste: The facility shall be operated so as to handle solid waste on a first-in, first-out basis. At no time shall any stored solid waste be allowed to remain unprocessed for more than 48 hours unless adequate provisions are made to control flies, rodents and odors.
18. Residual Disposal: Residuals generated from processing class III wastes shall be disposed of at a Department permitted Class III landfill. Residuals generated from processing construction and demolition debris may be disposed of at a Department permitted construction and demolition debris facility only if these wastes have not been comingled with Class III wastes.
19. Leachate Minimization: All sorting, processing and storage shall be completed under a permanent roof structure or within covered containers, protected from rainfall.
20. Solid Waste Processing Rate: The solid waste processing rate for this source is 1000 tons per day as stated in your application. Actual operating rates may vary depending upon business conditions.
21. Operations Plan: Prior to operation, the engineer of record or qualified individual shall prepare a day to day operation plan. The facility operator shall be trained, Rule 62-701.320(14), F.A.C., and a copy of the operations plan shall be kept at the facility.



PERMITTEE:  
Taft Recycling, Inc.

Attention: Mr. Joe Briarton

I. D. NUMBER:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Expiration Date: December 18, 2005

SPECIFIC CONDITIONS:

22. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the construction and operation authorized by this permit.
23. Operation Permit Renewal: An operation permit renewal must be submitted at least 60 days prior to the expiration of the operation permit, Rule 62-4.090, F.A.C.
24. Facility Closure: The owner or operator shall notify the Department in writing 180 days before the date the facility is expected to close. Closure shall be completed within 180 days after receiving the final waste quantity. After closure is completed, the owner or operator shall certify in writing to the Department that closure is complete.
25. Financial Assurance Requirements: The permittee shall maintain compliance with the financial assurance requirements of Rule 62-701.700, F.A.C. by submitting all required updated supporting documentation in accordance with rule 62-701.630, F.A.C. and 40 CFR Part 264, Subpart H as adopted by reference in rule 62-701.630, F.A.C. All submittals in response to this specific condition shall be submitted to the Financial Coordinator, Solid Waste Section, Department of Environmental Protection, MS-4565, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.
26. Annual Cost Estimates and Financial Instrument Adjustments: The permittee shall, in addition to annually adjusting the closure and long-term care cost estimates, adjust the financial assurance mechanism to reflect an increase in cost estimates. Cost estimate adjustments shall be in accordance with Rule 62-701.630(4), F.A.C. Instrument adjustments shall be in accordance with Rule 62-701.630, F.A.C., and 40 CFR Part 264, Subpart H as adopted by reference in rule 62-701.630, F.A.C. Documentation of financial mechanism increases shall be submitted to: Financial coordinator, Solid Waste Section, Department of Environmental Protection, MS-4565, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. All estimate update submittals shall be sent to: Department of Environmental Protection, Central District, Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767.

ISSUED

*January 17, 2001*

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

*Vivian F. Garfein*

Vivian F. Garfein  
Director of District Management  
3319 Maguire Boulevard  
Suite 232  
Orlando, Florida 32803

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**PERMITTING APPLICATION PROJECT EVENT SUMMARY REPORT**

17-JAN-01

Site Name: SOUTH ORLANDO MATERIALS RECOVERY FACILITY (SW)  
 County: ORANGE

----- PROJECT -----

Permit Office: CD (DISTRICT) CRA Reference #: 74862  
 Project #: 74862 Agency Action: Issued  
 Project name: SOUTH ORLANDO MATERIALS RF Desc:  
 Type/Sub/Req: SC/14 / New Permit Application  
 Received: 23-AUG-2000 Issued: 17-JAN-2001 Expires: 18-DEC-2005  
 Fee: \$2000.00 Realized: \$2000.00 Dele: Override: NONE

SC48-0173968-001

----- PROJECT EVENTS -----

Event	Begin Date	Prd Due Date	Rmn Status	End Date
Receive Request	23-AUG-2000	1 24-AUG-2000	000 Done	23-AUG-2000
Fee Verification	23-AUG-2000	2 25-AUG-2000	000 Sufficient Fee	25-AUG-2000
Completeness Review	23-AUG-2000	30 22-SEP-2000	000 Incomplete	14-SEP-2000
RESET CLOCK	14-SEP-2000	1 15-SEP-2000	000 Done	14-SEP-2000
Awaiting Additional Information	14-SEP-2000	45 29-OCT-2000	000 Received	10-OCT-2000
Completeness Review	10-OCT-2000	30 09-NOV-2000	000 Incomplete	17-OCT-2000
RESET CLOCK	17-OCT-2000	1 18-OCT-2000	000 Done	17-OCT-2000
Awaiting Additional Information	17-OCT-2000	45 01-DEC-2000	000 Received	20-NOV-2000
Completeness Review	20-NOV-2000	30 20-DEC-2000	000 Incomplete	20-NOV-2000
RESET CLOCK	20-NOV-2000	1 21-NOV-2000	000 Done	20-NOV-2000
Awaiting Additional Information	20-NOV-2000	45 04-JAN-2001	000 Received	05-DEC-2000
Completeness Review	05-DEC-2000	30 04-JAN-2001	000 Complete	05-DEC-2000
Determine Agency Action	05-DEC-2000	90 05-MAR-2001	000 Issue	22-DEC-2000
Mail Public Notice of Intent to Applicant and Others	22-DEC-2000	10 01-JAN-2001	000 Done	22-DEC-2000
Date of Publication	22-DEC-2000	999 17-SEP-2003	000 Published	29-DEC-2000
Issue Final Permit	29-DEC-2000	14 12-JAN-2001	000 Issued	17-JAN-2001
ISSUE PERMIT	17-JAN-2001	1 18-JAN-2001	000 Issued	17-JAN-2001
STOP CLOCK	17-JAN-2001	1 18-JAN-2001	000 Done	17-JAN-2001
STOP CLOCK	22-DEC-2000	1 23-DEC-2000	000 Done	22-DEC-2000

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
PERMITTING APPLICATION PROJECT EVENT SUMMARY REPORT

17-JAN-01

Site Name: SOUTH ORLANDO MATERIALS RECOVERY FACILITY (SW)  
County: ORANGE

PROJECT

Permit Office: CD (DISTRICT) CRA Reference #: 74868  
Project #: 74868 Agency Action: Issued  
Project name: SOUTH ORLANDO MATERIALS RF Desc:  
Type/Sub/Req: SO/20 / New Permit Application  
Received: 23-AUG-2000 Issued: 17-JAN-2001 Expires: 18-DEC-2005  
Fee: \$2000.00 Realized: \$2000.00 Date: Override: NONE

SD48-0173968-002

PROJECT EVENTS

Event	Begin Date	Prd Due Date	Rmn Status	End Date
Receive Request	23-AUG-2000	1 24-AUG-2000	000 Done	23-AUG-2000
Fee Verification	23-AUG-2000	2 25-AUG-2000	000 Sufficient Fee	23-AUG-2000
Completeness Review	23-AUG-2000	30 22-SEP-2000	000 Incomplete	14-SEP-2000
RESET CLOCK	14-SEP-2000	1 15-SEP-2000	000 Done	14-SEP-2000
Awaiting Additional Information	14-SEP-2000	45 29-OCT-2000	000 Received	10-OCT-2000
Completeness Review	10-OCT-2000	30 09-NOV-2000	000 Incomplete	17-OCT-2000
RESET CLOCK	17-OCT-2000	1 18-OCT-2000	000 Done	17-OCT-2000
Awaiting Additional Information	17-OCT-2000	45 01-DEC-2000	000 Received	20-NOV-2000
Completeness Review	20-NOV-2000	30 20-DEC-2000	000 Incomplete	20-NOV-2000
RESET CLOCK	20-NOV-2000	1 21-NOV-2000	000 Done	20-NOV-2000
Awaiting Additional Information	20-NOV-2000	45 04-JAN-2001	000 Received	05-DEC-2000
Completeness Review	05-DEC-2000	30 04-JAN-2001	000 Complete	05-DEC-2000
Determine Agency Action	05-DEC-2000	90 05-MAR-2001	000 Issue	22-DEC-2000
Mail Public Notice of Intent to Applicant and Others	22-DEC-2000	10 01-JAN-2001	000 Done	22-DEC-2000
Date of Publication	22-DEC-2000	999 17-SEP-2003	000 Published	29-DEC-2000
Issue Final Permit	29-DEC-2000	14 12-JAN-2001	000 Issued	17-JAN-2001
ISSUE PERMIT	17-JAN-2001	1 18-JAN-2001	000 Issued	17-JAN-2001
STOP CLOCK	17-JAN-2001	1 18-JAN-2001	000 Done	17-JAN-2001
STOP CLOCK	22-DEC-2000	1 23-DEC-2000	000 Done	22-DEC-2000



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400  
May 5, 2006

Colleen M. Castille  
Secretary

RECEIVED  
MAY 08 2006  
Central Dist. - Bldg

Ms. Kristan Retusnic  
Carolina Casualty Insurance Company  
2850 West Golf Road  
Suite 800  
Rolling Meadows, Illinois 60008-4034

Re: WACS 00087104 - South Orlando Materials Recovery

Dear Ms. Retusnic:

In accordance with 40 CFR Part 264.143(b)(9), as adopted by reference in Rule 62-701.630, Florida Administrative Code, we are returning to you for termination Carolina Casualty Insurance Company guarantee bond number 097944. Taft Recycling, Inc. is providing financial assurance through an approved alternate mechanism.

We hereby agree to the cancellation of guarantee bond number 097944. If you have any questions about this procedure, please contact Fred J. Wick at (850) 245-8742.

Sincerely,

Dotty Diltz, Assistant Director  
Division of Waste Management

DD/flh

Enclosure

cc: Fred J. Wick, DEP/TLH  
James Bradner, DEP/ORL  
Shawn McCash, Taft Recycling



Jeb Bush  
Governor

# Department of Environmental Protection

RECEIVED  
MAY 11 2005  
Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

May 9, 2005

Mr. Bill Condron  
Regional Manager  
Taft Recycling, Inc.  
148 Baywood Avenue.  
Longwood, Florida 32750

Re: WACS 00087104 - South Orlando Materials Recovery Facility  
WACS 00090926 - Sanford Recycling and Transfer, Inc.

Dear Mr. Condron:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facilities and find it is in order. Carolina Casualty Insurance Company guarantee bond riders dated April 20, 2005 for bonds numbered 097944 for the South Orlando Materials Recovery Facility and 097945 for the Sanford Recycling and Transfer, Inc. facility, both effective May 1, 2005, adequately covers the inflation adjusted closing cost estimates of \$90,446.77 and \$84,783.10, respectively. Therefore, South Orlando Materials Recovery Facility and Sanford Recycling and Transfer, Inc. are in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, at this time. If you have any questions, please contact me at (850) 245-8732.

Sincerely,

Frank Hornbrook  
Environmental Specialist  
Solid Waste Section

FH

cc: Fred Wick, DEP/TLH  
James Bradner, DEP/ORL.



225 East Robinson Street, Suite  
Orlando, Florida 32  
Phone: 407 649-5475  
Fax: 407 649-6582  
Web: www.hsagolden.com

Date: February 28, 2005

Project No.: 04-297.001

RECEIVED  
MAR 01 2005  
Central Dist. DEP

## TRANSMITTAL

To the Attention of: Mr. James Bradner, P.E.

Firm: Florida Department of Environmental Protection  
Central District  
3319 Maguire Blvd, St. 232, Orlando, Florida 32513

From: Mr. Jim Golden, P.G.

Reference: Project No. 04-297.001  
South Orlando Materials Recovery Facility

Enclosed please find:

<i>Copies</i>	<i>Description</i>
1	2005 FDEP Financial Assurance Cost Estimate Form
NOTES:	

Copy to: ☒ Mr. Frank Hornbrook, Mr. Mike Massaro, Mr. Jeff Godfrey

Environmental and Engineering Consultants

### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

#### ☒ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-488-0300.

This adjustment is based on the Department approved closure cost estimate dated: 03/10/04

Latest Department Approved Closure Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Closure Cost Estimate:
\$89,110.12	X	1.02	=	\$90,446.77

This adjustment is based on the Department approved long-term care cost estimate dated: \_\_\_\_\_

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
\$0.00	X	1.02	=	\$0.00

Number of Years of Long Term Care Remaining: X 0

Inflation Adjusted Long-Term Care Cost Estimate: = 0.00

#### ☐ (b) Recalculate Estimates (see section V)

### IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

David L. Leggett 2-28-05  
Signature of Engineer

David L. Leggett, P.E.

Name & Title (please type)

58667

Florida Registration Number (affix seal) & Date

225 E. Robinson Street, Suite 100 Orla  
Mailing Address

407-649-5475

Telephone Number

\_\_\_\_\_  
Signature of Owner/Operator

\_\_\_\_\_  
Name & Title (please type)

\_\_\_\_\_  
Telephone Number



Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

2/23/05  
DEP Form # 62-701.900(28)  
Form Title: Financial Assurance Cost Estimate Form  
Effective Date: 05-27-01  
DEP Application No. \_\_\_\_\_  
(Filled by DEP)

## FINANCIAL ASSURANCE COST ESTIMATE FORM

Date: 2/21/05

Date of DEP Approval: \_\_\_\_\_

### I. GENERAL INFORMATION:

Facility Name: South Orlando Materials Recovery Facility WACS or GMSID #: \_\_\_\_\_

Permit / Application No.: S048-173968-002 Expiration Date: 12/18/05

Facility Address: 375 W 7th Street, Taft, Orange County, Florida

Permittee: Taft Recycling, Inc.

Mailing Address: 2401 S. Laflin St. Chicago, IL 60608

Latitude: 28-25-33 Longitude: 81-22-59 or UTM: \_\_\_\_\_

### Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Design Life of Unit From Date of Initial Receipt of Waste
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**RECEIVED**

**FEB 28 2005**

**Central Dist. - DEP**

Total Landfill Acreage included in this estimate. \_\_\_\_\_ Closure \_\_\_\_\_ Long-Term Care \_\_\_\_\_

Type of landfill: \_\_\_\_\_ Class I \_\_\_\_\_ Class III \_\_\_\_\_ C&D Debris \_\_\_\_\_

### II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check Type)

\_\_\_\_\_ Letter of Credit\* \_\_\_\_\_ Insurance Certificate

☒ Surety Bond\* \_\_\_\_\_ Escrow Account

\_\_\_\_\_ Trust Fund Agreement \_\_\_\_\_ Financial Test

\*Indicates  
mechanisms that  
require use of a  
Standby Trust Fund  
Agreement

Northwest District  
160 Governmental Center  
Pensacola, FL 32501-5794  
850-595-8360

Northeast District  
7825 Baymeadows Way, Ste. B200  
Jacksonville, FL 32256-7590  
904-448-4300

Central District  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803-3767  
407-894-7555

Southwest District  
3804 Coconut Palm Dr.  
Tampa, FL 33619  
813-744-6100

South District  
2295 Victoria Ave., Ste. 364  
Fort Myers, FL 33901-3881  
941-332-6975

Southeast District  
400 North Congress Ave.  
West Palm Beach, FL 33401  
561-681-6600

cc: F. Hornum - DEP TALLAHASSEE



### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

#### ☒ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-245-8732.

This adjustment is based on the Department approved closure cost estimate dated: 2004

Latest Department Approved  
Closure Cost Estimate:

\$89,110.12

X

Current Year  
Inflation Factor

1.015

=

Inflation Adjusted  
Closure Cost Estimate:

\$90,446.77

This adjustment is based on the Department approved long-term care cost estimate dated: \_\_\_\_\_

Latest Department Approved  
Annual Long-Term Care Cost  
Estimate:

X

Current Year  
Inflation Factor

1.015

=

Inflation Adjusted  
Annual Long-Term Care  
Cost Estimate:

\$0.00

Number of Years of Long Term Care Remaining:

X

Inflation Adjusted Long-Term Care Cost Estimate:

=

0.00

#### ☐ (b) Recalculate Estimates (see section V)

### IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

Signature of Engineer

Jeff Godfrey  
Signature of Owner/Operator

Name & Title (please type)

Jeff Godfrey-General Manager  
Name & Title (please type)

Florida Registration Number (affix seal) & Date

(312) 942-0042

Telephone Number

Mailing Address

Telephone Number



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400  
November 29, 2004

Colleen M. Castille  
Secretary

RECEIVED

DEC 02 2004

Central Dist. - DEP

Ms. Sandra Dankowski  
Carolina Casualty Insurance Company  
2850 West Golf Road  
Suite 800  
Rolling Meadows, Illinois 60008-4034

Re: WACS 00087104 - South Orlando Materials Recovery Facility

Dear Ms. Dankowski:

In accordance with 40 CFR Part 264.143(b)(9), as adopted by reference in Rule 62-701.630, Florida Administrative Code, we are returning to you for termination Carolina Casualty Insurance Company guarantee bond number 079138. Taft Recycling, Inc. has replaced this guarantee bond with Carolina Casualty Insurance Company guarantee bond number 097944, effective November 11, 2004.

We hereby agree to the cancellation of guarantee bond number 079138. If you have any questions about this procedure, please contact Fred J. Wick at (850) 245-8742.

Sincerely,

Dotty Diltz, Assistant Director  
Division of Waste Management

DD/flh

Enclosure

cc: Fred J. Wick, DEP/TLH  
James Bradner, DEP/ORL  
Bill Condron, Taft Recycling  
John Naso, The Horton Group



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

Comet - FAD

Colleen M. Castille  
Secretary

November 18, 2004

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NOV 22 2004

Central Dist. - DE

Mr. Bill Condron  
Regional Manager  
Taft Recycling, Inc.  
148 Baywood Avenue.  
Longwood, Florida 32750

Re: WACS 00087104 - South Orlando Materials Recovery Facility  
WACS 00090926 - Sanford Recycling and Transfer, Inc.

Dear Mr. Condron:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facilities and find it is in order. Carolina Casualty Insurance Company guarantee bonds numbered 097944 for the South Orlando Materials Recovery Facility and 097945 for the Sanford Recycling and Transfer, Inc. facility, both effective November 11, 2004, adequately covers the Department approved closing cost estimates of \$89,110.12 and \$81,530.15, respectively. Therefore, South Orlando Materials Recovery Facility and Sanford Recycling and Transfer, Inc. are in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, at this time. If you have any questions, please contact me at (850) 488-0300.

Sincerely,

Frank Hornbrook  
Environmental Specialist  
Solid Waste Section

FH

cc: Fred Wick, DEP/TLH  
James Bradner, DEP/ORL.

Visit our Web Site: <http://www.dep.state.fl.us/waste/categories/swfr/>

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Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

August 20, 2004

Mr. Bill Condron  
Regional Manager  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

Re: WACS 00087104 - South Orlando Materials Recovery Facility  
WACS 00090926 - Sanford Recycling and Transfer, Inc.

Dear Mr. Condron:

The Department received a notice of cancellation dated August 6, 2004 from Carolina Casualty Insurance Company canceling guarantee bonds numbered 079138 for the South Orlando Materials Recovery Facility and 085980 for the Sanford Recycling and Transfer, Inc. Facility, both effective December 15, 2004. Pursuant to 40 CFR Part 264.143(b)(4), as adopted by reference in Rule 62-701.630, Florida Administrative Code (F.A.C.), and in accordance with the terms of the guarantee bonds, within ninety days after receipt of a notice from the issuing institution that it has decided to cancel the guarantee bond, the owner or operator must establish alternate financial assurance and obtain written approval from the Department, or the Department will make demand on the guarantee bond.

Therefore, please provide documentation that the issuing institution has granted extensions on the term of the guarantee bonds, or submit proof of alternate financial assurance using one of the approved mechanisms outlined in 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, F.A.C. If acceptable financial assurance is not received by November 15, 2004, the Department will direct Carolina Casualty Insurance Company to deposit the total penal sum of the guarantee bonds into the standby trust funds established by Taft Recycling, Inc and SunTrust Bank located at 225 East Robinson Street, Suite 250, Orlando, Florida 32801 for the South Orlando Materials Recovery Facility and by Sanford Recycling and Transfer, Inc. and Salem Trust Company located at 7411 Fullerton Street, Suite 110, Jacksonville, Florida, 32256 for the Sanford Recycling and Transfer, Inc. facility. If you have any questions, please contact me at (850) 245-8732.

Sincerely,

Frank Hornbrook  
Environmental Specialist  
Solid Waste Section

FH

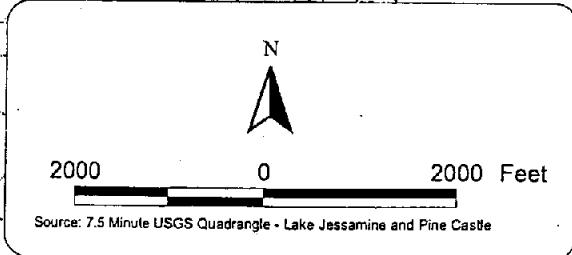
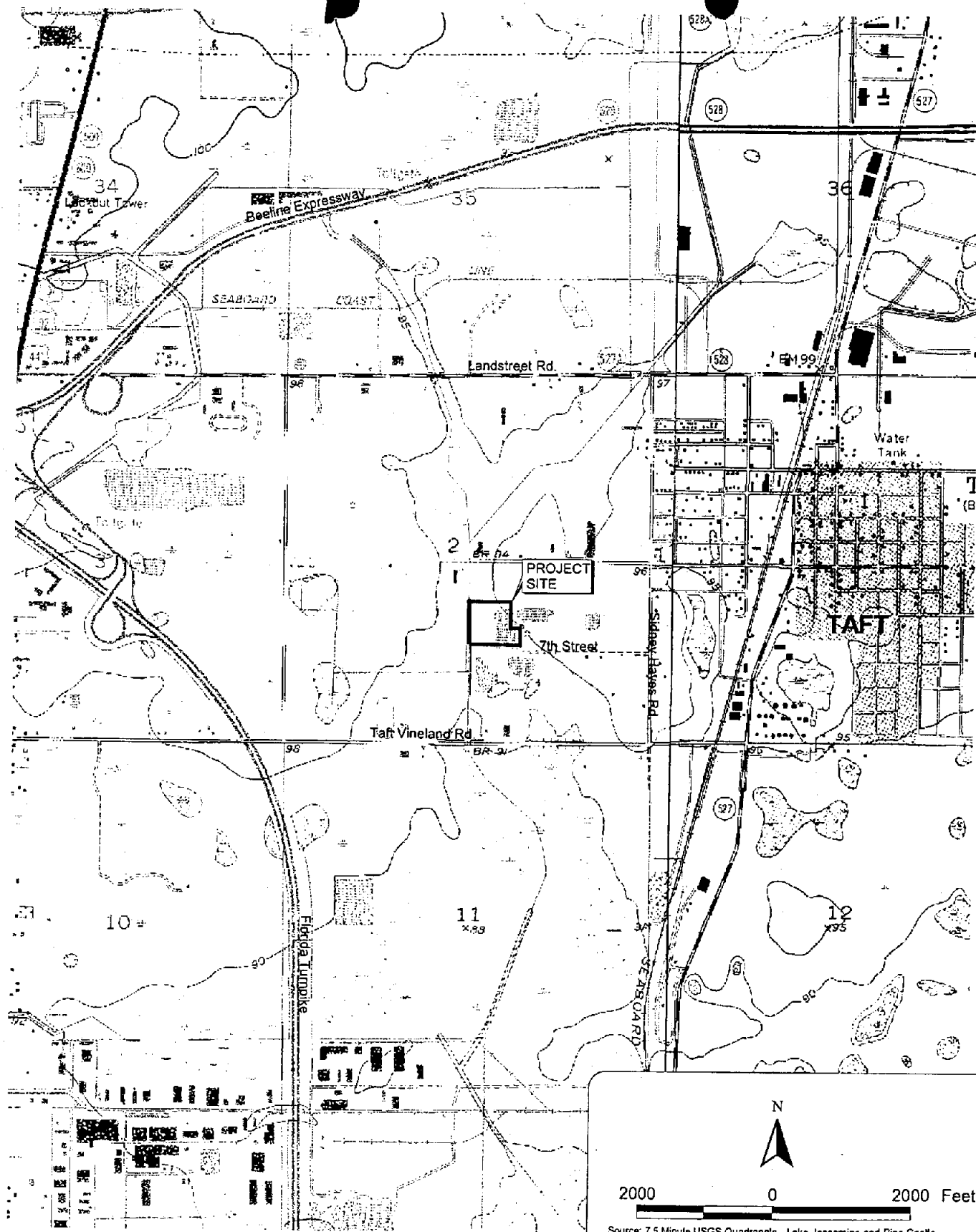
cc: Fred Wick, DEP/TLH  
James Bradner, DEP/ORL  
Rick Pickard, Sanford Recycling

Visit our Web Site: <http://www.dep.state.fl.us/waste/categories/swfr/>

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AUG 25 2004  
Central Dist. - DEP



**HARTMAN & ASSOCIATES, INC.**  
 engineers, hydrogeologists, surveyors & management consultants  
 201 EAST PINE STREET - SUITE 1000 - ORLANDO, FL 32801  
 TELEPHONE (407) 839-3955 - FAX (407) 839-3790

**SITE LOCATION MAP**  
**SOUTH ORLANDO TRANSFER STATION**  
**TAFT RECYCLING, INC.**  
**TAFT, FLORIDA**

**FIGURE**  
**1**

RECEIVED JAN 18 2001

48-179158001



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

June 4, 2004

Colleen M. Castille  
Secretary

Ms. Kristan Retusnic  
Carolina Casualty Insurance Company  
Post Office Box 2575  
Jacksonville, Florida 32256

Re: WACS 00087104 - South Orlando Materials Recovery Facility

Dear Ms. Retusnic:

In accordance with 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, and page 2, paragraph 12 of guarantee bond number 079138, you are authorized to reduce the penal sum from \$162,881.07 to \$76,423.21.

This reduced amount demonstrates adequate closure financial assurance for the above referenced facility. If you have any questions about this procedure, please contact Fred J. Wick at (850) 245-8742.

Sincerely,

Dotty Diltz, Assistant Director  
Division of Waste Management

DD/flh

cc: Fred J. Wick, DEP/TLH  
James Bradner, DEP/ORL  
Jeff Godfrey, Taft Recycling

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JUN 14 2004  
Central

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Jeb Bush  
Governor

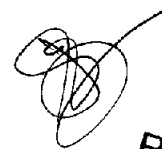
# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

May 26, 2004

Mr. Joe Briarton  
Regional Manager  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

  
RECEIVED  
MAY 28 2004  
Central Dist. - DEP

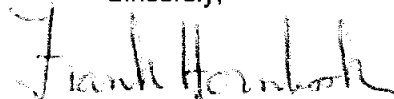
Re: WACS 00087104 - South Orlando Materials Recovery Facility

Dear Mr. Briarton:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it is in order. Carolina Casualty Insurance Company bond rider, dated July 2, 2002, increasing the penal sum of guarantee bond number 079138 to \$162,881.07, adequately covers the inflation adjusted closing cost estimate of \$76,423.21. Therefore, South Orlando Materials Recovery Facility is in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, at this time.

If you have any questions, please contact me at (850) 245-8732.

Sincerely,



Frank Hornbrook  
Environmental Specialist  
Solid Waste Section

FH

cc: Fred Wick, DEP/TLH  
James Bradner, DEP/ORL

Visit our Web Site: <http://www.dep.state.fl.us/waste/categories/swfr/>

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# ACORD™ CERTIFICATE OF LIABILITY INSURANCE

PRODUCER (800)407-4077 FAX (407)752-7980

DATE (MM/DD/YYYY)

04/23/2004

Environmental Insurance Specialists  
158 N. Harbor City Blvd.  
Melbourne, FL 32935  
Ella Crow

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

## INSURERS AFFORDING COVERAGE

NAIC #

INSURER A: Lincoln General Ins. Co A Rated

INSURER B: LEXINGTON INS. CO. A++ 15

INSURER C:

INSURER D:

INSURER E:

RECEIVED

MAY - 3 2004

Central Dist. - DEP

INSURED Florida Recycling Services Inc.

R.I.P., INC.

Tate Recycling Inc.

1099 Miller Drive

Altamonte Springs, FL 32701

## COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	LWG100917-01	04/30/2004	04/30/2005	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 5,000
	GEN'L AGGREGATE LIMIT APPLIES PER:				PERSONAL & ADV INJURY \$ 1,000,000
A	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	LWI100917-01	04/30/2004	04/30/2005	GENERAL AGGREGATE \$ 2,000,000
	AUTOMOBILE LIABILITY				PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input type="checkbox"/> ANY AUTO				COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per person) \$
B	<input checked="" type="checkbox"/> SCHEDULED AUTOS	6500458	04/21/2004	04/21/2005	BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS				PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> NON-OWNED AUTOS				AUTO ONLY - EA ACCIDENT \$
					OTHER THAN EA ACC \$
B	GARAGE LIABILITY	6500458	04/21/2004	04/21/2005	AGG \$
	<input type="checkbox"/> ANY AUTO				EACH OCCURRENCE \$ 5,000,000
	EXCESS/UMBRELLA LIABILITY				AGGREGATE \$ 5,000,000
	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				Umbrella Form \$
A	<input type="checkbox"/> DEDUCTIBLE	WCPLTI100158	12/11/2003	12/11/2004	\$
	RETENTION \$				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS <input checked="" type="checkbox"/> OTH-ER \$
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				E.L. EACH ACCIDENT \$ 1,000,000
A	OTHER				E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
					E.L. DISEASE - POLICY LIMIT \$ 1,000,000

**CANCELLED**  
AS OF 4-30-04

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

## CERTIFICATE HOLDER

Dept. of Environmental Services  
3319 McGuire Blvd., Ste 232  
Orlando, FL 32803

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL \_\_\_\_\_ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Paul Zizzo/EBC

*Paul Zizzo*





Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(28)  
Form Title Financial Assurance Cost Estimate Form  
Effective Date 05-27-01  
DEP Application No. \_\_\_\_\_  
(Filled by DEP)

## FINANCIAL ASSURANCE COST ESTIMATE FORM

Date: 3/10/04

Date of DEP Approval: \_\_\_\_\_

### I. GENERAL INFORMATION:

Facility Name: South Orlando Materials Recovery Facility WACS or GMSID #: 87104

Permit / Application No.: S048-173968-002 Expiration Date: 12/18/05

Facility Address: 375 - 7th Street, Taft, Orange County, Florida

Permittee: Taft Recycling, Inc.

Mailing Address: 2401 S. Laflin Street, Chicago, IL 60608

Latitude: 28 25 33 Longitude: 81 22 59 or UTM: \_\_\_\_\_

### Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Design Life of Unit From Date of Initial Receipt of Waste
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

RECEIVED

MAR 15 2004

Central Dist. - DE

Total Landfill Acreage included in this estimate. \_\_\_\_\_ Closure \_\_\_\_\_ Long-Term Care \_\_\_\_\_

Type of landfill: \_\_\_\_\_ Class I \_\_\_\_\_ Class III \_\_\_\_\_ C&D Debris \_\_\_\_\_

### II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check Type)

\_\_\_\_\_ Letter of Credit\* \_\_\_\_\_ Insurance Certificate  
\_\_\_\_\_ Performance Bond\* \_\_\_\_\_ Escrow Account  
☒ Guaranty Bond\* \_\_\_\_\_ Trust Fund Agreement

\*Indicates  
mechanisms that  
require use of a  
Standby Trust Fund  
Agreement

Northwest District  
160 Governmental Center  
Pensacola, FL 32501-5794  
850-595-8360

Northeast District  
7825 Baymeadows Way, Ste. B200  
Jacksonville, FL 32256-7590  
904-448-4300

Central District  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803-3767  
407-894-7555

Southwest District  
3804 Coconut Palm Dr.  
Tampa, FL 33619  
813-744-6100

South District  
2295 Victoria Ave., Ste. 364  
Fort Myers, FL 33901-3881  
941-332-6975

Southeast District  
400 North Congress Ave.  
West Palm Beach, FL 33401  
561-681-6600

### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

☐ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-488-0300.

This adjustment is based on the Department approved closure cost estimate dated: 6/2003

Latest Department Approved		Current Year		Inflation Adjusted
<u>\$75,666.55</u>	X	<u>1.01</u>	=	<u>\$76,423.21</u>

This adjustment is based on the Department approved long-term care cost estimate dated: \_\_\_\_\_

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
---	--	----------------------------------	--	---

_____	X	<u>1.01</u>	=	<u>0.00</u>
-------	---	-------------	---	-------------

Number of Years of Long Term Care Remaining: \_\_\_\_\_

X

Inflation Adjusted Long-Term Care Cost Estimate: \_\_\_\_\_

=

0.00

☐ (b) Recalculate Estimates (see section V)

### IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department **annually**, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

\_\_\_\_\_  
Signature of Engineer

  
Signature of Owner/Operator

\_\_\_\_\_  
Name & Title (please type)

Jeff Godfrey, General Manager  
Name & Title (please type)

\_\_\_\_\_  
Florida Registration Number (affix seal)

(312) 942-0042  
Telephone Number

\_\_\_\_\_  
Mailing Address

jgodfrey@recyclingit.com  
Owner/Operator E-Mail Address

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Engineer E-Mail Address

CC F. HORNBOOK


Memorandum

Florida Department Of  
**Environmental Protection**

CENTRAL DISTRICT

TO: Financial Coordinator  
Solid Waste Section  
MS-4565  
Division of Waste Management

OCD-SW-03-0283

FROM: James N. Bradner, P.E.   
Program Manager  
Solid and Hazardous Waste

DATE: August 21, 2003

SUBJECT: Orange County – SW  
South Orlando Materials Recovery Facility - MRF  
Modification of Permit No. SO48-0173968-002  
Permit Application No. SO48-0173968-003  
Review of Closure Cost Estimate

We have reviewed the enclosed closure cost estimate submitted August 7, 2003, for the subject facility and believe that it is adequate for the site at this time.

Please feel free to contact me if you need any additional information.

  
JNB/gc/ew

Enclosures

cc: Frank Hornbrook – DEP – Tallahassee – MS-4565

OPINION OF PROBABLE CLOSURE COSTS  
TAFT RECYCLING, INC.  
ORANGE COUNTY, FLORIDA  
JUNE 2003

Processed Material Stored	Quantity (yds <sup>3</sup> )	Estimated Density (lb/yd <sup>3</sup> )	Quantity (tons)	Loading Costs* (\$/yd <sup>3</sup> )	Total Loading Cost	Estimated Truck Loads (18 yds <sup>3</sup> )	Cost per Load* (\$/ton)	Total Hauling Cost	Disposal \$/ton	Total Disposal Cost**	Total All Costs
Unprocessed Class III	700	605	211.8	2.55	1,785.00	39	150.00	5,850.00	17.20	3,642.10	11,277.10
Unprocessed C&D	700	650	227.5	2.55	1,785.00	39	150.00	5,850.00	17.20	3,913.00	11,548.00
Yard Trash	200	400	40.0	2.55	510.00	12	150.00	1,800.00	28.35	1,134.00	3,444.00
Recovered Concrete	200	2,596	259.6	1.55	310.00	12	160.00	1,920.00	0.00	0.00 (1)	2,230.00
Asphaltic Concrete	200	2,596	259.6	1.55	310.00	12	160.00	1,920.00	0.00	0.00 (1)	2,230.00
Roofing Tiles	200	2000	200.0	2.05	410.00	12	155.00	1,860.00	17.20	3,440.00	5,710.00
Recovered Cardboard	60	350	10.5	1.55	93.00	5	140.00	700.00	17.20	180.60	973.60
Paper	60	400	12.0	2.05	123.00	5	150.00	750.00	17.20	206.40	1,079.40
Glass	60	600	18.0	2.05	123.00	4	150.00	600.00	17.20	309.60	1,032.60
Ferrous Metals	60	550	16.5	1.55	93.00	4	150.00	600.00	17.20	283.80	976.80
Aluminum	60	300	9.0	1.55	93.00	4	150.00	600.00	17.20	154.80	847.80
Plastic	60	150	4.5	2.05	123.00	5	150.00	750.00	17.20	77.40	950.40
Recovered Wood & Mulch	1,000	1,000	500.0	1.30	1,300.00	56	150.00	8,400.00	17.20	8,600.00	18,300.00
Tires	30	400	6.0	2.05	61.50	2	215.00	430.00	99.00	594.00	1,085.50
Class I Reject	10	400	2.0	2.55	25.50	1	150.00	150.00	30.65	61.30	236.80
RSM	100	1000	50.0	1.55	155.00	6	160.00	960.00	17.20	860.00	1,975.00
Hazardous Materials*	55 gallon drum			Included in hauling		1	100.00	100.00	300.00	300.00	400.00
Sampling/Analysis*											1,500.00
<b>Total</b>											<b>65,797.00</b>
<b>Contingency (15%)</b>											<b>9,869.55</b>
<b>Grand Total</b>											<b>75,666.55</b>

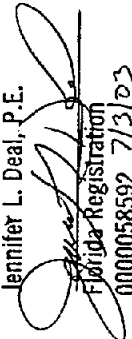
\* Estimated from costs previously provided by third party (to include inflation).

\*\* Assumes waste other than concrete to be disposed at Orange County Class III landfill (\$17.20/ton). If all is disposed at a Class I landfill, the cost would increase significantly.

(1) Vendors agreed to purchase all recovered concrete upon closure, letters previously submitted to the Department.

The above referenced Opinion of Probable Closure Costs is  
An Engineer's opinion of probable costs for the facility, based  
Upon a number of assumptions. These costs may vary due to  
Specific decisions made by the contractor including cost and  
extent of labor, equipment and materials, and market conditions,  
and a variety of other conditions over which the engineer and  
Hartman & Associates, Inc. have no control.

Hartman & Associates, Inc.  
201 E. Pine St., Suite 1000  
Orlando, FL 32801  
Engineering Business #5814  
Jennifer L. Deal, P.E.

  
Florida Registration  
0000058592 7/3/03

# HARTMAN & ASSOCIATES, INC.

## OFFICERS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
William D. Musser, P.E., P.H.  
Michael B. Bomar, P.E.  
Lawrence E. Jenkins, P.S.M.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashe, P.E.  
Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
Troy E. Layton, P.E., DEE

engineers, hydrogeologists, surveyors & management consultants

## ASSOCIATES:

James E. Golden, P.G.  
Andrew T. Woodcock, P.E., M.B.A.  
John P. Toomey, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.  
Rafael A. Terrero, P.E., DEE  
Jill M. Hudkins, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Charles M. Shultz, P.E.  
Sean M. Parks, AICP, QEP  
C. Michelle Gaylord  
Tara L. Hollis, C.P.A., M.B.A.  
W. Bruce Lafrenz, P.G.  
Darvill B. Parker, M.B.A.  
Alexis K. Stewart, P.E.  
Beverly J. Garrett, P.E.

RECEIVED

JUL 03 2003

Central Dist. - DEP

July 3, 2003

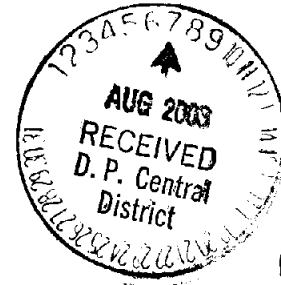
HAI #99.0202.007

File 13.0

Via Hand Delivery

Mr. James N. Bradner, P.E.  
Solid and Hazardous Waste Program Manager  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: Minor Permit Modification  
Taft Recycling, Inc.  
South Orlando Material Recovery Facility  
FDEP File No. SO48-0173968-002  
Orange County, Florida**



Dear Mr. Bradner:

On behalf of Taft Recycling, Inc. (Taft), Hartman & Associates, Inc. is submitting, for your review, a minor permit modification for the above facility. A check in the amount of \$250.00 for the review fee will be submitted under separate cover by Taft.

The requested modifications include a reduction in storage quantities of concrete, asphalt, and yard waste, and an associated change in the opinion of probable closure cost. A revised spreadsheet, including the current costs for disposal at the Orange County Landfill, and inflation-adjusted costs for loading and hauling are attached for your review.

Additionally, Taft is requesting a change in the storage method for RSM. As previously discussed with the Department, a storage area made of concrete blocks is currently under construction at the facility. The walls of this area will be approximately 16-feet by 18-feet in size, and approximately 12-feet in height, with one open side for loading. A waterproof industrial tarp will be used to cover the storage area during rain, high wind, and at all times that the facility is not operating. The RSM will be disposed as needed. A revised Operations Plan, Section 2 Class III Recycling Facility, indicating the change in the storage method of RSM, is attached for your review. For your convenience, new text is underlined, and deleted text is struck through.

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • [www.consulthai.com](http://www.consulthai.com)

A TETRA TECH COMPANY

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN ATLANTA

05/10/1968

10:00 AM

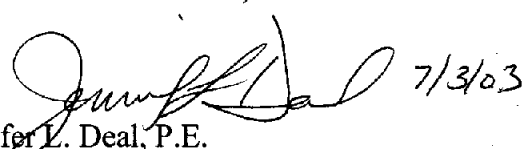
10:00 AM

Mr. James N. Bradner, P.E.  
July 3, 2003  
Page 2

We trust this submittal is sufficient to allow for modification of the facility solid waste operations permit. Please call me if you have any questions or need additional information.

Very truly yours,

**Hartman & Associates, Inc.**

 7/3/03  
Jennifer L. Deal, P.E.  
Project Manager

JLD/cr/99.0202.007/corresp/  
Bradner4.jld

Attachments

cc: George Ward, Taft  
Rick Pickard, Taft  
R. TEDDER, P.E

SECTION 2  
CLASS III RECYCLING FACILITY

RECEIVED

JUL 03 2003

Central Dist. - D.

FEE NOT RECEIVED

2.1 PURPOSE

The Class III Recycling Facility processes the incoming material to remove that portion of the waste that has an end-use market. Residuals from the recycling facility are disposed of at appropriate disposal facilities.

2.2 START UP AND SHUT DOWN PROCEDURES

Start-up procedures will consist of the Facilities Manager inspecting the processing and storage areas for safety purposes. Equipment will be turned on and allowed to warm up if necessary. Material containers (rejected waste, unauthorized waste and all other containers/bins) will be inspected to verify ample storage capacity for the day's activities as well as condition of the containers. In the event that the storage capacity or condition of the container is inadequate, a spare container will be used.

The Facility plans to clear the tipping floor of wastes each day, depending on the availability of personnel, equipment, off-site waste transport and waste intake rates. At the end of each workday, any unprocessed material will be left on the tipping floor for next day's processing. The processed material will be contained within the confines of the designated storage locations (i.e., containers, bins, and tipping floor).

2.3 SORTING OPERATIONS

Within the processing area, an excavator and front-end loaders equipped with buckets or clamps will place the material into a sorting machine. Personnel will be available to hand sort the materials once the machine has removed the fines and reduced the material size. Sorted material will be placed in appropriate containers for recycling or disposal off-site. The containers include sixteen 30-yard containers for primary and backup use. Nine containers will be used in the sorting process (glass, paper, plastic, metal, wood, concrete, cardboard, RSM (fines), and rejected material). RSM will be stored in a concrete block containment area, approximately 16-



feet by 18-feet in size. An industrial tarp will be used to cover this storage area during rain, high wind, and at all times that the facility is not operating.

Personnel will operate on an 8 to 10 hour shift with a lunch break in between and will be on the tipping floor at all times when waste is received or processed.

## 2.4       LOADING, UNLOADING, AND PROCESSING AREA

As described in Section 1.2 and Section 2.3, the mixed waste will be unloaded onto the tipping floor and then placed into the sorter.

## 2.5       LEACHATE COLLECTION AND DISPOSAL

The tipping floor consists of a 75-ft by 75-ft concrete pad. No leachate production is anticipated because the recycling process does not involve the use of water. Therefore, no leachate collection system is proposed.

## 2.6       PROCESSED MATERIAL DISPOSAL PLAN

The processed (recycled/recovered) material is sold to a variety of different companies for many different uses. The most common uses are described below. After processing, woody waste will be chipped and sold for fill or mulch. Concrete will be crushed offsite and sold to the concrete industry. Cardboard and paper will generally be sold to a paper mill. Metal will be sold to scrap metal dealers, and glass will be crushed offsite and sold for fill material. Plastic will be sold to companies capable of recycling mixed plastic and the recovered screen material will be sold for daily cover material. The quantity and maximum storage time for each material is listed in the table in Appendix B.

## 2.7       EQUIPMENT OPERATIONS AND MAINTENANCE MANUAL

Operations and maintenance for each piece of equipment will be in accordance to manufacturer's recommendations and manuals. Information sheets for the sorter, compactor, and tub grinder (chipper) are provided in Appendix H.

## 2.8 STORMWATER MANAGEMENT

~~The Facility currently operates as a recycling facility and does not have a stormwater permit. Stormwater currently flows to a drainage ditch along the southern property boundary that flows facilities are shown on the site Plan, C-1. Stormwater system details will be developed during the ERP process.~~ A Stormwater Management Permit was obtained in 2001. Permit number 48-0179138-001 is on file with the Department.

## 2.9 RECORD KEEPING/SUBMITTALS

Record submittal requirements for the Class III Recycling Facility will be in compliance with the FDEP requirement for these facilities. The reporting requirements include submitting a report annually (by April 1) which summarizes the amounts and types of waste received and the amounts and types of wastes disposed of or recycled. The annual report will be submitted on the FDEP Form 62-701.900(7), per F.A.C. 62-701.730(12).

**OPINION OF PROBABLE CLOSURE COSTS**  
**TAFT RECYCLING, INC.**  
**ORANGE COUNTY, FLORIDA**  
**JUNE 2003**

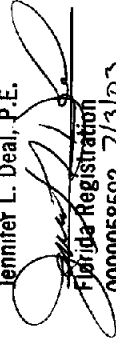
	Quantity (yds <sup>3</sup> )	Estimated Density (lb/yd <sup>3</sup> )	Quantity (tons)	Loading Costs* (\$/yds <sup>3</sup> )	Total Loading Cost	Estimated Truck Loads (18 yds <sup>3</sup> )	Cost per Load*	Total Hauling Cost	Disposal \$/ton	Total Disposal Cost**	Total All Costs
<b>Processed Material Stored</b>											
Unprocessed Class III	700	605	211.8	2.55	1,785.00	39	150.00	5,850.00	17.20	3,642.10	11,277.10
Unprocessed C&D	700	650	227.5	2.55	1,785.00	39	150.00	5,850.00	17.20	3,913.00	11,548.00
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Recovered Concrete	200	2,596	259.6	1.55	310.00	12	160.00	1,920.00	0.00	0.00 (1)	2,230.00
Asphaltic Concrete	200	2,596	259.6	1.55	310.00	12	160.00	1,920.00	0.00	0.00 (1)	2,230.00
Roofing Tiles	200	2000	200.0	2.05	410.00	12	155.00	1,860.00	17.20	3,440.00	5,710.00
Recovered Cardboard	60	350	10.5	1.55	93.00	5	140.00	700.00	17.20	180.60	973.60
Paper	60	400	12.0	2.05	123.00	5	150.00	750.00	17.20	206.40	1,079.40
Glass	60	600	18.0	2.05	123.00	4	150.00	600.00	17.20	309.60	1,032.60
Ferrous Metals	60	550	16.5	1.55	93.00	4	150.00	600.00	17.20	283.80	976.80
Aluminum	60	300	9.0	1.55	93.00	4	150.00	600.00	17.20	154.80	847.80
Plastic	60	150	4.5	2.05	123.00	5	150.00	750.00	17.20	77.40	950.40
Recovered Wood & Mulch	1,000	1,000	500.0	1.30	1,300.00	56	150.00	8,400.00	17.20	8,600.00	18,300.00
Tires	30	400	6.0	2.05	61.50	2	215.00	430.00	99.00	594.00	1,085.50
Class I Reject	10	400	2.0	2.55	25.50	1	150.00	150.00	30.65	61.30	236.80
RSM	100	1000	50.0	1.55	155.00	6	160.00	960.00	17.20	860.00	1,975.00
Hazardous Materials*	55 gallon drum			Included in hauling	-	1	100.00	100.00	300.00	300.00	400.00
Sampling/Analysis*											1,500.00
<b>Total</b>											<b>65,797.00</b>
<b>Contingency (15%)</b>											<b>9,869.55</b>
<b>Grand Total</b>											<b>75,666.55</b>

\* Estimated from costs previously provided by third party (to include inflation).

\*\* Assumes waste other than concrete to be disposed at Orange County Class III landfill (\$17.20/ton). If all is disposed at a Class I landfill, the cost would increase significantly.

(1) Vendors agreed to purchase all recovered concrete upon closure, letters previously submitted to the Department.

The above referenced Opinion of Probable Closure Costs is  
An Engineer's opinion of probable costs for the facility, based  
Upon a number of assumptions. These costs may vary due to  
Specific decisions made by the contractor including cost and  
extent of labor, equipment and materials, and market conditions,  
and a variety of other conditions over which the engineer and  
Hartman & Associates, Inc. have no control.

Hartman & Associates, Inc.  
201 E. Pine St., Suite 1000  
Orlando, FL 32801  
Engineering Business #5814  
Jennifer L. Deal, P.E.  
  
Florida Registration  
0000058592 7/3/03



Effective Date May 27, 2001  
 DEP Certificate No. \_\_\_\_\_  
 (to be filled in by DEP)  
 Accounting information org:37450101000  
 EO:HI obj:002292

# APPLICATION FOR RECOVERED MATERIALS CERTIFICATION

Submit to: P.O. Box 3070, Tallahassee, Florida 32315-3070

## Section 403.7046, Florida Statutes

This application form is for the below named person who, at the Florida location(s) listed handles, purchases, receives, recovers, sells or is an end user or non-exempt generator of recovered materials and who is required to be certified and report the Department of Environmental Protection on an annual basis pursuant to Rule 62-722 FAC.

Please read the instructions before filling out this application. Applications which are filled out incorrectly or which do not include the \$50.00 fee, shall be deemed incomplete and will be returned.

1. Name of Applicant: Tox Recycling Inc

Physical Address: 375 W 7th Street

City Orlando

Zip 32824

Mailing Address Same

City

Zip

Telephone number 407-851-0074 Fax number 407-856-0074 Contact Person Rick Richard

E-mail R.Richard@Recyclingit.com Web address \_\_\_\_\_

List Owners, general or limited partners, corporate officers and directors (use additional pages if necessary):

Frank Ward Sr. President, Frank Ward Jr. V-P, George Ward-Treasurer/Secretary

2. By shading the O, indicate which of the following describes your current certification:

☒ Certification Renewal

☐ New Certification

3. Describe the applicant. By shading the O, indicate which of the following describes your recovered materials operation (can be more than one): **PLEASE SEE INSTRUCTIONS PART B2 FOR DEFINITIONS**

	Public (government)	Private (business or nonprofit)
Dealer /Processor	<input type="radio"/>	<input checked="" type="radio"/>
Non-exempt Generator	<input type="radio"/>	<input type="radio"/>
End User	<input type="radio"/>	<input type="radio"/>

FLORIDA DEPARTMENT OF  
 ENVIRONMENTAL PROTECTION  
 2003 MAR 12 AM 10:25  
 FINANCE & ACCOUNTING  
 REVENUE  
 (continued on reverse)

**HARTMAN & ASSOCIATES, INC.**

engineers, hydrogeologists, surveyors &amp; management consultants

201 EAST PINE STREET, SUITE 1000, ORLANDO, FLORIDA 32801

TELEPHONE (407) 839-3955

HYDROGEOLOGY FAX - (407) 839-2066

ADMIN./UTILITY ENGINEERING FAX - (407) 839-3790

CIVIL ENG./SURVEY/FINANCE FAX - (407) 481-8447

**FACSIMILE TRANSMITTAL**

TO: Saadia Qureshi FROM: Jennifer Deal  
FAX: 407-893-3124 DATE: 6/4/03  
RE: Taft Recycling PROJECT: HAI# 99.0202.007

We are sending you 3 pages, including this cover sheet. These pages are being transmitted as indicated below:

- ☐ As requested  
☐ For your use  
☐ For your comments  
☒ For your approval

## HARD COPY:

- ☒ Will be sent via regular mail  
☐ Will be sent via overnight mail  
☐ Will be sent via facsimile only  
☐ Will be sent via hand delivery

MESSAGE: Saadia,

Following is the response letter for the Taft  
Recycling Facility. Please call me if you would  
like to discuss.

Jennifer

**IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION  
PLEASE CALL (407) 839-3955 x168**

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## OFFICERS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
William D. Musser, P.E., P.H.  
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## SENIOR ASSOCIATES:

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Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
Troy E. Layton, P.E., DEE

June 4, 2003

HAI #99.0202.007  
File 12.0

## ASSOCIATES:

James E. Golden, P.G.  
Andrew T. Woodcock, P.E., M.B.A.  
John P. Toomey, P.E.  
Mark A. Gabriel, P.E.  
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W. Bruce Lafranz, P.G.  
Darryl B. Parker, M.B.A.  
Alexis K. Stewart, P.E.  
Beverly J. Garrett, P.E.

## Via Facsimile and U.S. Mail

Ms. Gloria-Jean De Pradine  
Compliance & Enforcement Supervisor  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject:      OCD-SW-03-0188**  
**Taft Recycling, Inc.**  
**South Orlando Material Recycling - MRF**  
**Orange County, Florida**

Dear Ms. De Pradine:

On behalf of Taft Recycling, Inc. (Taft), Hartman & Associates, Inc. (HAI) is responding to your letter, dated May 22, 2003, regarding the above facility. Your comments are stated first with our responses following.

Comment 1: Financial assurance is not currently up to date.

**Response:** The facility manager inadvertently assumed that the Department would send a letter of acceptance of the inflation adjusted cost estimate. Taft is requesting an extension for submission of the updated financial mechanism, as the opinion of probable closure cost will be reduced significantly in the upcoming minor permit modification, described below.

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**Response:** Taft management has purchased the concrete blocks to construct the containment area for RSM. This containment area is being constructed from three-foot by three-foot concrete blocks and includes tarps to cover the material at the end of the working day and during rain and high wind events. Taft is requesting 30-days from the date of this letter to complete construction of this containment area. Taft has decided against RSM sampling and reuse at this time due to the extremely high cost of baseline sampling. The RSM will be properly disposed, as needed.

Taft acknowledges the Department's opinion regarding use of an additional spotter during times when waste intake volumes are high. Arrangements will be made to send an additional

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Ms. Gloria-Jean De Pradine  
June 4, 2003  
Page 2


employee for training at the next available class for a spotter and/or operator certification. Hereafter, Taft will have an additional spotter during high volume events.

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Please call me if you would like to further discuss these issues.

Very truly yours,

**Hartman & Associates, Inc.**



Jennifer L. Deal, P.E.  
Project Manager

JLD/jev/99.0202.007/corresp/Bradner3.jld

cc: Rick Pickard, Taft  
George Ward, Taft  
Steve Orr, Taft

# HARTMAN & ASSOCIATES, INC.

## OFFICERS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
William D. Musser, P.E., P.H.  
Michael B. Bonnar, P.E.  
Lawrence E. Jenkins, P.S.M.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashe, P.E.  
Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
Troy E. Layton, P.E., DEE

engineers, hydrogeologists, surveyors & management consultants

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JUN 09 2003

Central Dist. - DEE

June 4, 2003

HAI #99.0202.007

File 12.0

## ASSOCIATES:

James E. Golden, P.G.  
Andrew T. Woodcock, P.E., M.B.A.  
John P. Toomey, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
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Sean M. Parks, AICP, QEP  
C. Michelle Gaylord  
Tara L. Hollis, C.P.A., M.B.A.  
W. Bruce Lafrenz, P.G.  
Daryll B. Parker, M.B.A.  
Alexis K. Stewart, P.E.  
Beverly J. Garrett, P.E.

## Via Facsimile and U.S. Mail

Ms. Gloria-Jean De Pradine  
Compliance & Enforcement Supervisor  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: OCD-SW-03-0188  
Taft Recycling, Inc.  
South Orlando Material Recycling - MRF  
Orange County, Florida**

Dear Ms. De Pradine:

On behalf of Taft Recycling, Inc. (Taft), Hartman & Associates, Inc. (HAI) is responding to your letter, dated May 22, 2003, regarding the above facility. Your comments are stated first with our responses following.

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Ms. Gloria-Jean De Pradine  
June 4, 2003  
Page 2

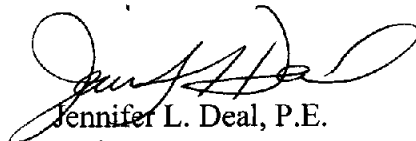
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**Hartman & Associates, Inc.**



Jennifer L. Deal, P.E.  
Project Manager

JLD/jev/99.0202.007/corresp/Bradner3.jld

cc: Rick Pickard, Taft  
George Ward, Taft  
Steve Orr, Taft



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-03-0188

Orange County -SW  
South Orlando Material Recycling - MRF  
Inspection Report

Dear Mr. Briarton,

This letter is in regards to a routine inspection conducted on May 14, 2003, by representatives of the Department at the above-mentioned facility. At the time of the inspection, the following was noted:

- Financial assurance is not currently up to date.
- Recovered screen material is still being stored on the ground behind the building.

During the meeting with the Department on June 20, 2002, Mr. Fifer indicated that RSM was being tested and the result would be submitted to the Department. After later speaking to your consultant, of Hartman and Associate, the Department was then notified that you have decided not to test the material. Because the facility is not following through with this, it is required by your operations and training manual that the recovered screen material is placed in roll-off containers.

It should be noted that the Department recommends that during high volumes of waste intake, an additional spotter should be onsite inspecting the incoming waste.

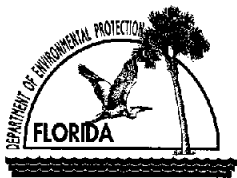
Please respond to these issues within ten (10) days of receipt of this letter. If you have any questions, do not hesitate to call Saadia Qureshi or me at 407-893-3328. We look forward to hearing from you

Sincerely,

Gloria DePradine  
Compliance and Enforcement Supervisor  
Solid Waste Section

Date 5/22/03

GD/sq  
Enclosure



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## SOLID WASTE MANAGEMENT FACILITY

### INSPECTION CHECKLIST

Facility Name: South Orland MRF/ Taft Recycling \_\_\_\_\_

WACS No. 87104 \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 5/14/03 Permit No.: SO48-0173968-001 & 002 \_\_\_\_\_ Expiration Date: 12/18/05 \_\_\_\_\_

Facility Address : 375 7<sup>th</sup> Street \_\_\_\_\_

City: Taft \_\_\_\_\_ County: Orange \_\_\_\_\_ Zip: 32824 \_\_\_\_\_

Permittee or Operating Authority: Taft Recycling/Joe Briarton (regional manager) \_\_\_\_\_

Telephone Number (Permittee or Operating Authority): 407-376-8587 \_\_\_\_\_

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Sadia Qureshi

Other Participants: Randall Cunningham, Erik Pickard

**TYPE OF FACILITY (check all that apply):**

<b>Landfill:</b> <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	<b>C&amp;D Facility:</b> <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	<b>Waste Processing Facility:</b> <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	<b>Other Facilities:</b> <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
---	--	--	--

**TYPE OF INSPECTION (check all that apply):**

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input checked="" type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
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**REQUIREMENTS:**

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))		YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)		✓			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)		✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls ? 62-701.300(2)(c)		✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)		✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)		✓			

<b>I. SOLID WASTE PROHIBITIONS (CONTINUED)</b>		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	✓			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	✓			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	✓			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	✓			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	✓			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	✓			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)	✓			
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	✓			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	✓	✓		
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				✓
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				✓
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				✓

<b>II. CLASS I, II &amp; III LANDFILLS</b>		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				1
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)	YES	NO	Unk	N/A
C. <u>CLOSURE</u>				
53. Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				1
54. Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56. All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57. Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58. Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59. If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60. Long term care performed adequately? 62-701.620				
61. Financial assurance adequate? 62-701.630				
62. Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES	YES	NO	Unk	N/A
A. <u>OPERATION AND MAINTENANCE</u>				
1. Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	✓			
2. Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)	✓			
3. Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4. If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				✓
5. Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.	✓			
6. Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	✓			
7. Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	✓			
8. Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)	✓			
9. Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10. Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11. Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12. Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13. Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.	See comment			
14. Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.	✓			
15. Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
16. Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	✓			
17. Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18. Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)	✗	✓		
19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	✗	✓		

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE (CONTINUED)</b>					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	✓			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
<b>B. CLOSURE</b>					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				7
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
<b>A. DISPOSAL</b>					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				7
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				



V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				✓
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

## VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Upon arrival, waste was outside of building structure  
at bay #4 - by the end of the inspection, it  
was in the process of being pushed back

Trained operator: Steve Orr -

he acts as the trained Spotter too -

At times this may not be sufficient  
due to inflow volume.

Financial assurance NOT up to date -

Waiting for financial assurance update.

Fines going through tunnel screen were being  
placed on the ground.

Signed:

DEP Representative

5/14/05  
Date

Received:

Site Representative

Date

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## OFFICERS:

Gerard C. Hartman, P.E., D.EE  
Harold E. Schmidt, Jr., P.E., D.EE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
Michael B. Bomar, P.E.  
William D. Musser, P.E.  
Lawrence E. Jenkins, P.S.M.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cash, P.E.

## ASSOCIATES:

Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Andrew T. Woodcock, P.E., M.B.A.  
Grant C. Matchow, M.B.A.  
John P. Toomey, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.  
Rafael A. Terrero, P.E., D.EE  
Jill A. Hudkins, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

March 26, 2003

HAI #99.0202.007

File 12.0

Ms. Gloria-Jean De Pradine  
Compliance & Enforcement Supervisor  
Solid Waste  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803-3767

**Subject: OCD-SW-03-0085  
South Orlando Material Recycling - MRF  
Orange County, Florida**

Dear Ms. De Pradine:

Hartman and Associates, Inc. (HAI) is responding on behalf of Taft Recycling, Inc. (Taft) regarding your letter to Joe Briarton dated March 12, 2003 with the results of your March 5, 2003 inspection. For your convenience, we have restated your comments in bold typeface and have provided our responses following each.

- 1. A considerable amount of windblown litter was seen throughout the site. This needs to be minimized.**

Facility staff will patrol the site for wind blown litter on a daily basis. Litter fencing will be installed if it is deemed necessary by the General Manager.

- 2. Waste was commingled with dirt near the roll-off area. This area needs to be cleaned up.**

Taft ensures that clean up of this area is underway and will be completed within seven days of the date of this letter.

**3. Pallets were stored in water at the back of the facility.**

Taft ensures that the pallettes are no longer in water. In the future, pallettes will be stored in an area with proper drainage to avoid temporary storage in accumulated stormwater.

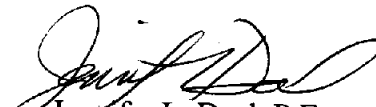
**4. There were no records of the removal of unauthorized waste from the site.**

From this point on, copies of the disposal receipts will be kept onsite for Department inspections.

We trust that these responses sufficiently address the Department's concerns. Please feel free to contact me if you have any questions or require additional information.

Very truly yours,

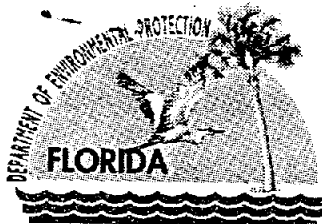
**Hartman & Associates, Inc.**



Jennifer L. Deal, P.E.

cc: Rick Pickard, Taft Recycling

JEG/jld/jes/99-202.07/corresp/resp to insp comm



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-03-0085

Orange County -SW  
South Orlando Material Recycling - MRF  
Inspection Report

Dear Mr. Briarton,

This letter is in regards to a routine inspection conducted on March 5, 2003, by a representative of the Department at the above mentioned facility. At the time of the inspection, the following was noted:

- A considerable amount of windblown litter was seen throughout the site. This needs to be minimized.
- Waste was comingled with dirt near the roll-off area. This area needs to be cleaned up.
- Paletts were stored in water at the back of the facility.
- There were no records of the removal of unauthorized waste from the site.

Therefore the facility was not in compliance. Please respond to these issues within ten (10) days of receipt of this letter. If you have any questions, do not hesitate to call Saadia Qureshi or me at 407-893-3328. We look forward to hearing from you

Sincerely,

Gloria DePradine  
Compliance and Enforcement Supervisor  
Solid Waste Section

Date

3/12/02

GD/sq  
Enclosure



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

Facility Name: South Orlando MRF / Taft Recycling \_\_\_\_\_

WACS No. 87104 \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 3/5/03 \_\_\_\_\_ Permit No.: S048-0173968-001 & 002 \_\_\_\_\_ Expiration Date: 12/18/05 \_\_\_\_\_

Facility Address : 375 7<sup>th</sup> Street \_\_\_\_\_

City: Taft \_\_\_\_\_ County: Orange \_\_\_\_\_ Zip: 32824 \_\_\_\_\_

Permittee or Operating Authority: Taft Recycling/ Joe Briarton (Regional Manger) \_\_\_\_\_

Telephone Number (Permittee or Operating Authority): 407-376-8587 \_\_\_\_\_

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Saadia Qureshi

Other Participants: Office Staff Steve Orr, Rick Pickard

**TYPE OF FACILITY (check all that apply):**

<b>Landfill:</b> <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	<b>C&amp;D Facility:</b> <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	<b>Waste Processing Facility:</b> <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	<b>Other Facilities:</b> <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
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**TYPE OF INSPECTION (check all that apply):**

<input type="checkbox"/> Construction Completion	<input type="checkbox"/> Complaint Investigation	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Operation	<input checked="" type="checkbox"/> Routine Inspection	
<input type="checkbox"/> Closure	<input type="checkbox"/> Reinspection	
<input type="checkbox"/> Long-Term Care	<input checked="" type="checkbox"/> Facility File Review	

**REQUIREMENTS:**

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))		YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)		✓			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)		✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls ? 62-701.300(2)(c)		✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)		✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)		ⓧ	✓		

<b>I. SOLID WASTE PROHIBITIONS (CONTINUED)</b>		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	✓			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	✓			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	✓			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	✓			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	✓			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	✓			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)	✓			
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	✓			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	✓			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				✓
22.	Is the facility exempted from the prohibitions because of indoor storage in an areas with an impervious surface and leachate collection system? 62-701.300(14)				✓
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				✓

<b>II. CLASS I, II &amp; III LANDFILLS</b>		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III ? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. CLOSURE					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	✓			
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)		✓		
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				✓
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.	✓			
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2. <i>* see comment</i>	✓			
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	✓			
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)	✓			
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.	✓			
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.	✓			
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.	✓			
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	✓			
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a) <i>in house</i>	✓			
19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	✓			



III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE (CONTINUED)</b>					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	✓			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
<b>B. CLOSURE</b>					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
<b>A. DISPOSAL</b>					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)			<input checked="" type="checkbox"/>	
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

# VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

\*Need to update financial assurance and Long-term Care Cost Estimates by March 1, 2003. \_

Stencorr. - Feb. 8, 2003 Certified by Trco.

Extensive windblown litter noted outside the building.  
A lot of litter mixed in w/ dirt (mud) next  
to reject bins. Need to remove.

Do not have record of unauthorized waste  
(roll-off) that are removed every 1-2 days.

Pallets that are stored in back were in  
a large puddle of water.

\*Financial Documents incised with - pending approval.

Signed: \_\_\_\_\_

DEP Representative

Date

Received: \_\_\_\_\_

Site Representative

Date

# HARTMAN & ASSOCIATES, INC.

## OFFICERS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
Michael B. Bonar, P.E.  
William D. Musser, P.E.  
Lawrence E. Jenkins, P.S.M.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashe, P.E.

engineers, hydrogeologists, surveyors & management consultants

## ASSOCIATES:

Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Andrew T. Woodcock, P.E., M.B.A.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.  
Rafael A. Terrero, P.E., DEE  
Jill A. Hudkins, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

## LETTER OF TRANSMITTAL

TO: FL Dept. of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

DATE: Feb. 27, 2003 JOB NO. 99.0202.007

ATTENTION: Mr. James N. Bradner, P.E.

RE: Financial Assurance updates

WE ARE SENDING YOU ☒ ATTACHED ☐ UNDER SEPARATE COVER VIA ☐ THE FOLLOWING ITEMS:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Reports ☐ Specifications  
☐ Copy of Letter ☐ Change Order ☐ Other \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1			Financial Assurance Cost Estimate Form - Taft Recycling
1			Financial Assurance Cost Estimate Form - Sanford Recycling & Transfer

THESE ARE TRANSMITTED as checked below:

☐ For Approval  
☒ For your use  
☐ As requested  
☐ For review and comment

☐ Other \_\_\_\_\_



REMARKS:	Jim,
	Attached are the 2003 annual financial assurance inflation adjustments for the Taft Recycling, Inc. MRF and the Sanford Recycling & Transfer, Inc. WPF. Please call me if you have any questions regarding the forms. Thanks.

COPY TO: File, Frank Hornbrook (FDEP)

SIGNED:

Name: Jennifer L. Deal, P.E.

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN



Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(28)  
Form Title Financial Assurance Cost Estimate Form  
Effective Date 05-27-01  
DEP Application No. \_\_\_\_\_  
(Filled by DEP)

FINANCIAL ASSURANCE COST ESTIMATE FORM

Date: 02/25/03

Date of DEP Approval: \_\_\_\_\_

I. GENERAL INFORMATION:

Facility Name: South Orlando Materials Recovery Facility WACS or GMSID #: 87104

Permit / Application No.: S048-173968-002 Expiration Date: 12/18/05

Facility Address: 375 - 7th Street, Taft, Orange County, Florida

Permittee: Taft Recycling, Inc.

Mailing Address: 375 West 7th Street, Orlando, Florida 32824

Latitude: 28 25 33 Longitude: 81 22 59 or UTM: \_\_\_\_\_

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Design Life of Unit From Date of Initial Receipt of Waste
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total Landfill Acreage included in this estimate. \_\_\_\_\_ Closure \_\_\_\_\_ Long-Term Care \_\_\_\_\_

Type of landfill: \_\_\_\_\_ Class I \_\_\_\_\_ Class III \_\_\_\_\_ C&D Debris

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check Type)

\_\_\_\_\_ Letter of Credit\*

\_\_\_\_\_ Insurance Certificate

\_\_\_\_\_ Performance Bond\*

\_\_\_\_\_ Escrow Account

☒ Guaranty Bond\*

\_\_\_\_\_ Trust Fund Agreement

\*Indicates  
mechanisms that  
require use of a  
Standby Trust Fund  
Agreement

Northwest District  
160 Governmental Center  
Pensacola, FL 32501-5794  
850-595-8360

Northeast District  
7825 Baymeadows Way, Ste. B200  
Jacksonville, FL 32256-7590  
904-448-4300

Central District  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803-3767  
407-894-7555

Southwest District  
3804 Coconut Palm Dr.  
Tampa, FL 33619  
813-744-6100

South District  
2295 Victoria Ave., Ste. 364  
Fort Myers, FL 33901-3881  
941-332-6975

Southeast District  
400 North Congress Ave.  
West Palm Beach, FL 33401  
561-681-6600

### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

#### ☒ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-488-0300.

This adjustment is based on the Department approved closure cost estimate dated: 2/22/02

Latest Department Approved Closure Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Closure Cost Estimate:
\$162,881.07	X	1.02	=	\$166,138.69


This adjustment is based on the Department approved long-term care cost estimate dated: \_\_\_\_\_

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
	X	1.02	=	\$0.00
Number of Years of Long Term Care Remaining:			X	5
Inflation Adjusted Long-Term Care Cost Estimate:			=	0.00

☐ (b) Recalculate Estimates (see section V)

### IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

  
Signature of Engineer  
2/27/03

Jennifer L. Deal, P.E.

Name & Title (please type)

58592

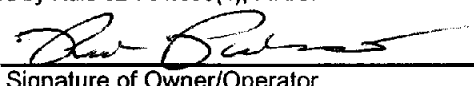
Florida Registration Number (affix seal) & Date

201 E. Pine St, Ste 1000, Orl, 32801

Mailing Address

(407) 839-3955

Telephone Number

  
Signature of Owner/Operator

Rick Pickard, General Manager

Name & Title (please type)

(312) 942-0042

Telephone Number

The above referenced "Closure Cost Estimate" and/or "Annual Long-Term Care Cost Estimate" is/are an Engineer's opinion of probable costs for the facility, based upon a number of assumptions. These costs may vary due to specific decisions made by the contractor including cost and extent of labor, equipment and materials, and market conditions, and a variety of other conditions over which the engineer and Hartman & Associates, Inc. have no control.



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

December 26, 2002

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-02-0463

Orange County -SW  
South Orlando Materials Recovery Facility  
Inspection

Dear Mr. Briarton:

On December 5, 2002, representatives of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste rules. A copy of the inspection report is enclosed for your review.

During the time of the inspection the following deficiencies were noted:

- There was no trained operator on duty.
- Recovered screen material was stored on the ground behind the building.

Please note the lack of a trained operator on duty during operating hours is not in compliance with Rules 62-701(4) (c) and 62-701.320 (15), Florida Administrative Code. Corrective measures must be taken immediately to rectify this deficiency.

Recovered screen material (RSM) was still being stored the ground. During the meeting with the Department on June 20, 2002, Mr. Fifer indicated that RSM was being tested and the results would be submitted to the Department. Subsequently, a letter dated July 3, 2002, from your consultant also indicated that analytical results would be submitted with 30 days. As of this date, the Department has not received these results.

Finally please ensure that no CCA pressure treated wood is recycled at your facility. Any wood of this nature that is accepted must be removed from the pile prior to recycling.

Please respond to within ten (10) days of receipt of this letter. You may contact me at 407-893-3994 if you have any questions or need further information.

Sincerely,

Gloria-Jean De Pradine  
Compliance & Enforcement Supervisor  
Solid Waste Section

Enclosure  
/gnd

cc: Brent Fifer, Taft Recycling Inc.

"More Protection, Less Process"

Printed on recycled paper.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: South Orlando MRF / Taft Recycling  
WACS No. 87104 GMS I.D. Number (if available):         
Inspection Date: 12/5/02 Permit No.: SO48-0173968-001/4002 Expiration Date: 12/18/05  
Facility Address: 375 7th Street  
City: Taft County: Orange Zip: 32824  
Permittee or Operating Authority: Taft Recycling Inc. / Joe Briarton  
Telephone Number (Permittee or Operating Authority): (407) 376-8587

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Gloria-Jean DeRadine, Nancy McKee (DEP)  
Other Participants: Steve Orr, James Dominey

TYPE OF FACILITY (check all that apply):

Landfill: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	C&D Facility: <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	Waste Processing Facility: <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	Other Facilities: <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
--	---	---	---

TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
--	--	--------------------------------------

REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

1. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	/			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	/			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	/			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				/
10.	Is hazardous waste disposal prohibited? 62-701.300(4)				/
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)				/
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)				/
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)				/
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)				/
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)				/
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)				/
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)				/
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)				/
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	/			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				/
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				/
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				/

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)	YES	NO	Unk	N/A
<b>C. CLOSURE</b>				
53. Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54. Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56. All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57. Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58. Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59. If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60. Long term care performed adequately? 62-701.620				
61. Financial assurance adequate? 62-701.630				
62. Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES	YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE</b>				
1. Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	✓			
2. Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)	✓			
3. Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4. If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				✓
5. Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.	✓			
6. Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	✓			
7. Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8. Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)	✓			
9. Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10. Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11. Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12. Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.		✓		
13. Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.	✓			
14. Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.	✓			
15. Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
16. Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17. Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18. Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)	✓			
19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	✓			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)			?	
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. <u>RECYCLING OPERATION AT A DISPOSAL FACILITY</u> (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. <u>LAND CLEARING</u></b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

# VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

No trained operators on duty -  
RSM currently stored on the ground behind/  
adjacent to the building.

file review:  
Results of RSM testing has not been received  
by DEP.

Please ensure no CCA treated wood is recycled  
at your facility (mulched).

Signed: [Signature] 12/5/02 Received: 1  
DEP Representative Date Site Representative Date

# HARTMAN & ASSOCIATES, INC.

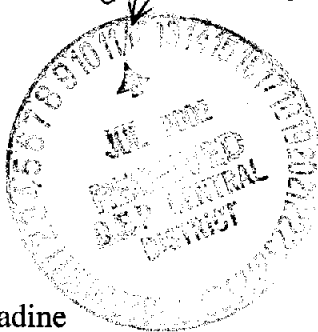
## PRINCIPALS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
Mark I. Luke, P.S.M.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashie, P.E.  
Lawrence E. Jenkins, P.S.M.

engineers, hydrogeologists, surveyors & management consultants



July 9, 2002

HAI #99.0202.007  
File 12.0

## ASSOCIATES:

Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Andrew T. Woodcock, P.E., M.B.A.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.  
Rafael A. Terrero, P.E., DEE  
Jill A. Manning, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

Ms. Gloria De Pradine  
Compliance & Enforcement Supervisor  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: Bond Increase Rider  
South Orlando Materials Recovery Facility  
Orange County, Florida  
FDEP Permit No. SO48-0173968-002**


Dear Ms. De Pradine:

On behalf of Taft Recycling, Inc. (Taft), Hartman & Associates, Inc. is submitting a copy of the increase rider to the current bond on file at the Department. The original document was submitted by Taft to Mr. Frank Hornbrook, Financial Coordinator, at the FDEP Tallahassee office.

We trust this will satisfy the financial assurance requirements for the facility. Please call me if you have any questions.

Very truly yours,

**Hartman & Associates, Inc.**

  
Jennifer L. Deal, P.E.  
Project Manager

JLD/sas/corresp/99.0202.007/Depradine-2.jld

Attachment

cc: George Ward, Taft  
Brent Fifer, Taft, Indiana

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • [www.consulthai.com](http://www.consulthai.com)

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

**CAROLINA CASUALTY INSURANCE COMPANY**

2850 W. GOLF ROAD  
ROLLING MEADOW, IL 60008



**RIDER**

To be attached to and form a part of Bond Number 079138 issued by CAROLINA CASUALTY INSURANCE COMPANY, as Surety on behalf TAFT RECYCLING, INC. as Principal, and in favor of the FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION as Obligee.

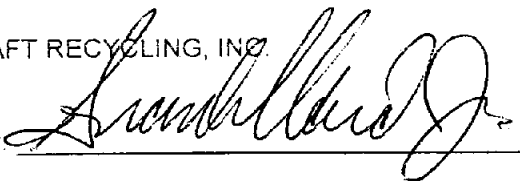
In consideration of the additional premium charged, it is hereby understood and agreed that the amount of the said bond is increased,

From: ONE HUNDRED FIFTY SIX THOUSAND FIVE HUNDRED FIFTY SIX AND NO/100-----  
Dollars (\$156,556.00)

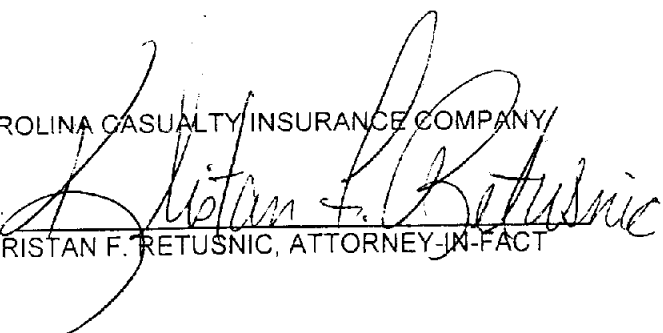
To: ONE HUNDRED SIXTY TWO THOUSAND EIGHT HUNDRED EIGHTY ONE AND 07/100-----  
Dollars (\$162,881.07)

This rider shall be effective JULY 2, 2002 and is signed, sealed and dated this 1ST day of JULY, 2002.

TAFT RECYCLING, INC.

By 

CAROLINA CASUALTY INSURANCE COMPANY

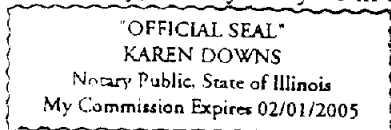
By   
KRISTAN F. RETUSNIC, ATTORNEY-IN-FACT



State of Illinois  
County of Cook

On this 1ST day of JULY 20 02, before me personally appeared  
KRISTAN F. RETUSNIC, known to me to be the Attorney-in-fact of  
CAROLINA CASUALTY INSURANCE COMPANY, the corporation that executed the  
within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the  
aforesaid county, the day and year in this certificate first above written.



  
(Notary Public)

COUNTY OF

On this 5th day of July, 2002,  
being by me duly  
acknowledged and  
affixed to the  
instrument signed by

IN WITNESS WHEREOF

I, the undersigned,  
do hereby certify that  
the complete copy  
of the instrument  
has been  
Given under



**NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.**

KNOW ALL MEN BY THESE PRESENTS: that CAROLINA CASUALTY INSURANCE COMPANY ("Company") a corporation duly organized and existing under the laws of the State of Florida, having its Principal office in Jacksonville, Florida, has made, constituted and appointed, and does by these presents make, constitute and appoint John J. Naso, Jr. or Frank Q. Poppie or Kimberlee A. McCarthy or Margueriete D. Baumann or Kristan F. Retusnic of Orland Park, IL

its true and lawful Agent and Attorney-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver:

any and all bonds and undertakings and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney is granted pursuant to the Minutes of the Special Meeting of the Board of Directors of Carolina Casualty Insurance Company held on March 30, 1966, to wit:

RESOLVED: "That the following Officers of the Carolina Casualty Insurance Company, Chairman of the Board, President, Secretary and Treasurer, or either of them, are hereby authorized to execute on behalf of the Carolina Casualty Insurance Company, Powers of Attorney authorizing and qualifying the Attorney-in-Fact named therein to execute bonds on behalf of the Carolina Casualty Insurance Company, and further, that the said Officers of the Company mentioned, are hereby authorized to affix the corporate seal of the said Company to Powers of Attorney executed pursuant hereto."

OLVED FURTHER, this Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named n, and they have no authority to bind the company except in the manner and to the extent therein stated.

OLVED FURTHER, this Power of Attorney revokes all previous powers issued on behalf of the attorney-in-fact named above.

OLVED FURTHER, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be used.

WITNESS WHEREOF Carolina Casualty Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 5th day of April, 2000

Attest:

By

Betty C. Sutherland  
Betty C. Sutherland  
Vice President & Secretary

Carolina Casualty Insurance Company

By

Gary R. Wotho  
Gary R. Wotho  
Vice President-Finance & Treasurer

WARNING: THIS POWER INVALID IF NOT PRINTED ON GREEN "MONITOR" SECURITY PAPER.

STATE OF FLORIDA)  
COUNTY OF DUVAL) SS

On this 5th day of April, 2000, before me personally came Betty C. Sutherland, to me known, who, being by me duly sworn, did depose and say: that ~~he~~/she is Secretary of Carolina Casualty Insurance Company, the Corporation described in and which executed the above instrument; and that ~~he~~/she knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that ~~he~~/she signed his/her name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal; the day and year herein first above written.



Sharon P. Francis

Notary Public, State of Florida at Large

CERTIFICATE

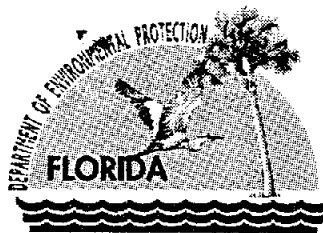
I, the undersigned, Secretary of CAROLINA CASUALTY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a just, true, correct and complete copy of original Power of Attorney; that the said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and the seal of the Company, this 1ST day of JULY, 2002



Betty C. Sutherland  
Betty C. Sutherland

Secretary



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

*file*

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-02-0301

Orange County -SW  
South Orlando Material Recycling - MRF  
Inspection Report

Dear Mr. Briarton,

On July 26, 2002, representatives of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the following was noted:

- A small pile of waste was noted next to the reject bins in the front of the property.
- Several recovered screen material piles were noted on the ground behind the facility.  
Please explain why these piles were not in roll-off containers.

A copy of the inspection report is enclosed for your files. If you have any questions, please contact Saadia Qureshi at 407-893-3328.

Sincerely,

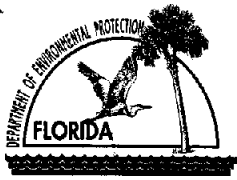
James N. Bradner, P.E., Manager  
Solid and Hazardous Waste Section

Date 7/29/2002

JNB/sq  
Enclosure

"More Protection, Less Process"

Printed on recycled paper.



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

Facility Name: South Orland MRF/ Taft Recycling \_\_\_\_\_

WACS No. 87104 \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: \_\_\_\_\_ Permit No.: SO48-0173968-001 & 002 \_\_\_\_\_ Expiration Date: 12/18/05 \_\_\_\_\_

Facility Address : 375 7<sup>th</sup> Street \_\_\_\_\_

City: Taft \_\_\_\_\_ County: Orange \_\_\_\_\_ Zip: 32824 \_\_\_\_\_

Permittee or Operating Authority: Taft Recycling/Joe Briarton (regional manager) \_\_\_\_\_

Telephone Number (Permittee or Operating Authority): 407-376-8587 \_\_\_\_\_

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Randall Cunningham \_\_\_\_\_

Other Participants: \_\_\_\_\_

**TYPE OF FACILITY (check all that apply):**

<b>Landfill:</b> <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	<b>C&amp;D Facility:</b> <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	<b>Waste Processing Facility:</b> <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	<b>Other Facilities:</b> <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
---	--	--	--

**TYPE OF INSPECTION (check all that apply):**

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input checked="" type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
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**REQUIREMENTS:**

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))		YES	NO	Unk	N/A
1.	Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)				
2.	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)				
3.	Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls ? 62-701.300(2)(c)				
4.	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)				
5.	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)				

1. <b>SOLID WASTE PROHIBITIONS (CONTINUED)</b>	YES	NO	Unk	N/A
6. Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)				
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)				
8. Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)				
9. Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				
10. Is hazardous waste disposal prohibited? 62-701.300(4)				
11. Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)				
12. Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)				
13. Is lead-acid battery disposal prohibited? 62-701.300(8)(a)				
14. Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)				
15. Is the disposal of white goods prohibited? 62-701.300(8)(d)				
16. Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)				
17. Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)				
18. Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				
19. Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)				
20. Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)				
21. Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				
22. Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				
24. Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				

II. <b>CLASS I, II &amp; III LANDFILLS</b>	YES	NO	Unk	N/A
<b>A. <u>CONSTRUCTION VERIFICATION</u></b>				
1. Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2. Liner construction/installation according to plans? 62-701.400(3)				
3. Leachate collection and removal system installed according to plans? 62-701.400(4)				
4. Disposal units constructed at planned intervals? 62-701.400(2)				
5. Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6. Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7. Surface water management system construction according to plans? 62-701.400(9)				
8. Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9. Leachate storage constructed according to plans? 62-701.400(6)				
10. Liner quality assurance plan followed? 62-701.400(7)				
<b>B. <u>OPERATION AND MAINTENANCE</u></b>				
11. Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12. At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)				YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)							
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)						
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)						
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)						
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)						
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)						
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)						
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)						
20.	Load checking program implemented? 62-701.500(6)						
21.	Waste compaction as required? 62-701.500(7)(a)						
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)						
23.	Is a narrow working face practiced? 62-701.500(7)(d)						
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)						
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)						
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)						
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)						
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)						
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)						
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)						
29.	Adequate erosion control? 62-701.500(7)(j)						
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)						
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)						
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))						
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)						
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)						
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)						
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)						
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.						
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.						
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)						
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)						
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)						
42.	Sufficient operating equipment? 62-701.500(11)(a)						
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)						
44.	Adequate communication facilities? 62-701.500(11)(c)						
45.	Adequate approved dust control methods? 62-701.500(11)(d)						
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)						
47.	Required signs for operational directions and public information? 62-701.500(11)(g)						
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)						
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)						
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)						
51.	Is there proper control, management or disposal of special wastes? 62-701.520						
52.	Are all specific conditions in the permit being followed? 62-701.320(1)						

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. CLOSURE					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				
19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				
24.	Are all specific conditions in the permit being followed? 62-701.320(1)				
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				



IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

**N/A**

2. Compost facility in compliance with all permit conditions and applicable requirements?  
62-701.320(1)

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

[illegible]

Received: \_\_\_\_\_ / \_\_\_\_\_  
Site Representative Date



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

Facility Name: South Orlando MRF / Taft Recycling \_\_\_\_\_

WACS No. 87104 \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 7/26/02 Permit No.: SO48-0173968-001 & 002 \_\_\_\_\_ Expiration Date: 12/18/05 \_\_\_\_\_

Facility Address : 375 7<sup>th</sup> Street \_\_\_\_\_

City: Taft \_\_\_\_\_ County: Orange \_\_\_\_\_ Zip: 32824 \_\_\_\_\_

Permittee or Operating Authority: Taft Recycling/ Joe Briarton (Regional Manger) \_\_\_\_\_

Telephone Number (Permittee or Operating Authority): 407-376-8587 \_\_\_\_\_

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Randall Cunningham \_\_\_\_\_

Other Participants: Office Staff \_\_\_\_\_

**TYPE OF FACILITY (check all that apply):**

<b>Landfill:</b> <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	<b>C&amp;D Facility:</b> <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	<b>Waste Processing Facility:</b> <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	<b>Other Facilities:</b> <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
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**TYPE OF INSPECTION (check all that apply):**

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input checked="" type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
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**REQUIREMENTS:**

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))		YES	NO	Unk	N/A
1.	Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	✓			
2.	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
3.	Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls ? 62-701.300(2)(c)	✓			
4.	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
5.	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	✓			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	✓			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	✓			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	✓			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	✓			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	✓			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)	✓			
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	✓			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	✓			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				✓
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				✓
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				✓

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)	YES	NO	Unk	N/A
<b>C. CLOSURE</b>				
53. Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54. Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56. All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57. Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58. Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59. If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60. Long term care performed adequately? 62-701.620				
61. Financial assurance adequate? 62-701.630				
62. Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES	YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE</b>				
1. Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	✓			
2. Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)	✓			
3. Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4. If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				✓
5. Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.	✓			
6. Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	✓			
7. Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	✓			
8. Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)	✓			
9. Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10. Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11. Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12. Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.			✓	
13. Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.			✓	
14. Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.		✓		
15. Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
16. Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	✓			
17. Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18. Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)	✓			
19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	✓			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	✓			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. <u>RECYCLING OPERATION AT A DISPOSAL FACILITY</u> (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. <u>LAND CLEARING</u></b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				



V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

YES	NO	Unk	N/A
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2. Compost facility in compliance with all permit conditions and applicable requirements?  
62-701.320(1)

## VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

A small pile of waste was noted next to the reject bins in the front of the property. \_\_\_\_\_

Several recovered screen material piles were noted on the ground behind the facility. \_\_\_\_\_

Signed: \_\_\_\_\_  
DEP Representative

Date \_\_\_\_\_

Received: \_\_\_\_\_ / \_\_\_\_\_  
Site Representative Date

Date \_\_\_\_\_

**Qureshi, Saadia**

---

**From:** Hornbrook, Frank  
**Sent:** Wednesday, July 10, 2002 8:49 AM  
**To:** Qureshi, Saadia  
**Cc:** Depradine, Gloria  
**Subject:** South Orlando MRF aka South Orlando Transfer Station (Taft Recycling, Inc.)



Saadia,

FYI:

I have received acceptable financial assurance in 2002 dollars for this facility. I am sending the attached letter out today. They are now in financial compliance until 3/1/03 when 2003 cost estimates are due.



SouthOrlandoMRF02.doc

Have a good day.

Frank Hornbrook  
Solid Waste Financial Coordinator  
Florida Department Of Environmental Protection  
2600 Blair Stone Rd. MS 4565  
Tallahassee, Florida 32399-2400  
Ph: Office (850) 414-6026 Main (850) 488-0300 Fax: (850) 414-0414  
e-mail: Frank.Hornbrook@dep.state.fl.us  
Office Hours: M-F 7:00-3:30 EST  
Financial Assurance Website  
[www.dep.state.fl.us/waste/categories/swfr/](http://www.dep.state.fl.us/waste/categories/swfr/)  
Financial Assurance Rules and Forms (.pdf)  
[www.dep.state.fl.us/waste/categories/swfr/pages/rulesandforms.htm](http://www.dep.state.fl.us/waste/categories/swfr/pages/rulesandforms.htm)  
Cost Estimate Form (.pdf)  
[http://www.dep.state.fl.us/waste/quick\\_topics/forms/documents/62-701/financial/701\\_28\\_with\\_calcs.pdf](http://www.dep.state.fl.us/waste/quick_topics/forms/documents/62-701/financial/701_28_with_calcs.pdf)



4/13/02





4/3/02



# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## OFFICERS:

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Harold E. Schmidt, Jr., P.E., DEE  
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Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

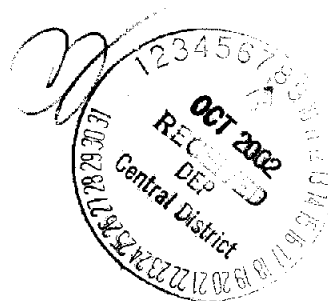
October 4, 2002

HAI #99.0202.007  
File 12.0

## VIA HAND DELIVERY

Mr. James N. Bradner, P.E.  
Solid and Hazardous Waste Program Manager  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject:       OCD-SW-02-0301**  
**Taft Recycling, Inc.**  
**South Orlando Material Recycling - MRF**  
**Orange County, Florida**



Dear Mr. Bradner:

On behalf of Taft Recycling, Inc. (Taft), Hartman & Associates, Inc. is responding to your letter, dated July 29, 2002, regarding the above facility. Your comments are stated first with our responses following.

Comment 1: A small pile of waste was noted next to the reject bins in the front of the property.

**Response:** Taft has removed this pile of waste materials for disposal. If facility operations require additional storage capacity for reject materials, Taft will acquire the additional storage containers necessary.

Comment 2: Several recovered screen material piles were noted on the ground behind the facility. Please explain why these piles were not in roll-off containers.

**Response:** There appears to be a discrepancy in the approved plans for the facility. The Operations Plan states that RSM will be stored in a roll-off container while the Site Plan indicates that RSM will be stored in a contained area on the ground. At this time, Taft is proposing to construct a concrete block containment area for the RSM in the current storage area. This containment area will be constructed from three-foot by three-foot concrete blocks and will include a tarp to cover the material at the end of the working day and during any rain events.

Additionally, Taft will build a temporary containment area for RSM that is mixed with light weight waste materials, such as shredded paper and styrofoam, that is ready to be loaded for disposal. This additional area will be located next to the current RSM storage area and will also include the use of a tarp. This containment area will be used until a new component to the sorting system can be added that will direct this material directly to a compactor. Taft agrees to construct these containment areas within the next 30 days.

We trust that this response will satisfy the Department's concerns. Please call me if you have any questions.

Very truly yours,

**Hartman & Associates, Inc.**

  
Jennifer L. Deal, P.E.  
Project Manager

JLD/sas/99.0202.007/corresp/Bradner2.jld

cc: Brent Fifer, Taft  
George Ward, Taft  
Steve Orr, Taft



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

CERTIFIED MAIL  
7099 3400 0010 0742 5391

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-02-0082

Orange County -SW  
South Orlando Material Recycling - MRF  
Letter of Non-Compliance

Dear Mr. Briarton,

On February 25, 2002, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the following was noted:

- § Financial assurance is not up to date for this facility.
- § Unauthorized waste was noted in the tipping floor pile and in the area surrounding the building.
- § Recovered screen material, recovered cardboard, and reject waste were not placed in roll-off containers as required by your operations plan.

Please reply to the above-mentioned concerns within ten (10) days of receipt of this letter. A copy of the inspection report is enclosed for your files. If you have any questions, please contact Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria De Pradine  
Compliance & Enforcement Supervisor  
Solid Waste Section

Date 3/21/02

GD/sq  
Enclosure



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: South Orlando MRF / Taft Recycling  
WACS No. \_\_\_\_\_ GMS I.D. Number (if available): 5048-0173168-002  
Inspection Date: 2/25/02 Permit No. SC048-0173168-001 Expiration Date: 12/18/05  
Facility Address: 375 7th Street  
City: Taft County: Orange Zip: 32824  
Permittee or Operating Authority: Taft Recycling / Joe Briarton (Regional Manager)  
Telephone Number (Permittee or Operating Authority): 407-376-8587

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Saadia Qureshi & Randall Cunningham (FDEP)  
Other Participants: Mike Harsh (Taft Recycling)

TYPE OF FACILITY (check all that apply):

Landfill: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	C&D Facility: <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	Waste Processing Facility: <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	Other Facilities: <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
--	---	---	---

TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion	<input type="checkbox"/> Complaint Investigation	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Operation	<input checked="" type="checkbox"/> Routine Inspection	
<input type="checkbox"/> Closure	<input type="checkbox"/> Reinspection	
<input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Facility File Review	

REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	X			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	X			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	X			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	X			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	X			



I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	X			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	X			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	X			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	X			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	X			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	X			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	X			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	X			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	X			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)	X			
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	X			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	X			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	X			
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	Λ			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	X			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)	X			
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)	X			
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)	X			

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				↑
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)	YES	NO	Unk	N/A
<b>C. CLOSURE</b>				
53. Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54. Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
56. All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57. Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)				
58. Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59. If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60. Long term care performed adequately? 62-701.620				
61. Financial assurance adequate? 62-701.630				
62. Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES	YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE</b>				
1. Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)			✓	
2. Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)		✓		
3. Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4. If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				✓
5. Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.	✓			
6. Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	✓			
7. Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	✓			
8. Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)	✓			
9. Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10. Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11. Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12. Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.	✓			
13. Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.	✓			
14. Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2. <i>on tipping floor</i>		✓		
15. Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
16. Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	✓			
17. Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18. Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)	✓			20
19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	✓			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	✓			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				→
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				→
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

# VI. NARRATIVE

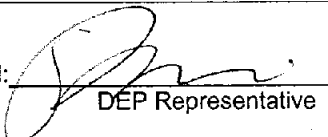
Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

(1) financial assurance not up to date.

(2) Unauthorized waste ~~noted~~ in pile -  
Some may have been hazardous - talked to  
general manager - she said containers  
were empty.

(3) area surrounding tipping floor had a lot  
of mixed waste (concrete, C+D, class3) that  
needs to be removed.

(4) Permit application states that RSM, recovered  
cardboard, & unacceptable waste would  
be in roll-offs. This was not the  
case.

Signed:  1/25/02 Received: \_\_\_\_\_  
DEP Representative Date Site Representative Date



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

July 10, 2002

Mr. Joe Briarton  
Regional Manager  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

Re: WACS 00087104 - South Orlando Materials Recovery Facility

Dear Mr. Briarton:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it is in order. Carolina Casualty Insurance Company bond rider, dated July 2, 2002, increasing the penal sum of guarantee bond number 079138 to \$162,881.07, adequately covers the inflation adjusted closing cost estimate of \$162,881.07. Therefore, South Orlando Materials Recovery Facility is in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701.630, Florida Administrative Code, at this time.

If you have any questions, please contact me at (850) 488-0300.

Sincerely,

Frank Hornbrook  
Environmental Specialist  
Solid Waste Section

FH

cc: Fred Wick, DEP/TLH  
James Bradner, DEP/ORL

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
Mark I. Luke, P.S.M.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashe, P.E.  
Lawrence E. Jenkins, P.S.M.

## ASSOCIATES:

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James E. Golden, P.G.  
Troy E. Layton, P.E.  
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Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bormar, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.  
Rafael A. Terrero, P.E., DEE  
Jill A. Manning, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

April 9, 2002

HAI #99.0202.007  
File 12.0

Ms. Gloria De Pradine  
Compliance & Enforcement Supervisor  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: Letter of Non-Compliance  
South Orlando Materials Recovery Facility  
Orange County, Florida  
FDEP Permit No. SO48-0173968-002**

Dear Ms. De Pradine:

On behalf of Taft Recycling, Inc., Hartman & Associates, Inc. (HAI) is submitting responses to your letter of non-compliance regarding the South Orlando Materials Recovery Facility, dated March 21, 2002. Your comments are stated first with our responses following.

**Comment:** Financial assurance is not up to date for this facility.

**Response:** HAI hand delivered to the Department the inflation adjusted 2002 financial assurance cost estimate for this facility on February 28, 2002. A copy of this estimate is attached for your reference. Once approval of this estimate is received, Taft Recycling will update the financial assurance documentation.

**Comment:** Unauthorized waste was noted in the tipping floor pile and in the area surrounding the building.

**Response:** The facility operator will retrain the spotters to immediately remove unauthorized materials from the tipping floor and to place them in the proper container. All unauthorized waste surrounding the building will be cleaned up immediately.

Taft Recycling will now be using a top loading compactor at the end of the sorting line to compact and store rejected materials. Once the compactor is full, the materials will be loaded and transported to a properly permitted disposal facility. This will eliminate any rejected waste being stored on the ground.



**Comment:** Recovered screen material, recovered cardboard, and reject waste were not placed in roll-off containers as required by your operations plan.


**Response:** The containers referred to in the operations plan are those located under the sorting line equipment. Once the containers are full, the recovered materials are removed from the containers and placed in the corresponding processing areas. At this point, the materials are not stored in containers in order to facilitate further processing (i.e., baling, compacting). All rejected materials will be kept in containers until removed from the site for disposal.

Recovered screen materials collected at the end of the sorting line are not kept in a container due to the relatively small quantity generated. This material is a product for Taft Recycling and is sold daily; and therefore no given quantity is in contact with the ground long enough to allow for contaminant leaching, if any.


We trust that this submittal will resolve the Department's concerns. Please call us if you have any questions.

Very truly yours,

**Hartman & Associates, Inc.**



Jennifer L. Deal, E.I.  
Engineer



James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JLD/JEG/sas/corresp/99.0202.007/Depradine.jld

Attachment

cc: Brent Fifer, Wood Recycling, Inc., Indiana  
Steve Orr, Taft Recycling, Inc.  
Sylvia Hursey, Florida Recycling Services, Inc.

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

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Brian S. Fields, P.E.

February 28, 2002

HAI #99.0202.007  
File 12.0

### Via Hand Delivery

Mr. James N. Bradner, P.E.  
Solid and Hazardous Waste Program Manager  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: 2002 Financial Assurance Cost Estimate Update  
South Orlando Materials Recovery Facility  
Orange County, Florida  
FDEP Permit No. SO48-0173968-002**


Dear Mr. Bradner:

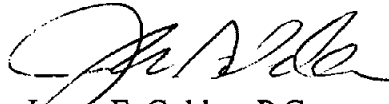
On behalf of Taft Recycling, Inc., Hartman & Associates, Inc. is submitting for your review the 2002 financial assurance cost estimate update. Based on a conversation with Frank Hornbrook of the FDEP Tallahassee office, the update must include an increase for 2001 and 2002 since the estimate has not yet been revised. The 2001 estimate with a two-percent inflation factor would have been \$159,687.32. This amount was entered into the financial assurance estimate form to obtain the 2002 estimate. The financial assurance mechanism will be updated upon notification of your approval.

We trust that this submittal will satisfy the Department's requirements. Please call us if you have any questions.

Very truly yours,

**Hartman & Associates, Inc.**

  
Jennifer L. Deal, E.I.  
Engineer

  
James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JLD/JEG/sas/99.0202.007/corresp/Bradner1.jld

Attachment

cc: Brent Fifer, Taft Recycling  
/ Frank Hornbrook, FDEP, Tallahassee

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., MBA  
Mark I. Luke, P.S.M.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashe, P.E.  
Lawrence E. Jenkins, P.S.M.

## ASSOCIATES:

Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Andrew T. Woodcock, P.E.  
Grant C. Malchow, MBA  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.  
Rafael A. Terrero, B.E., DEE  
Jill A. Manning, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

February 28, 2002

HAI #99.0202.007  
File 12.0

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Solid and Hazardous Waste Program Manager  
Florida Department of Environmental Protection  
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South Orlando Materials Recovery Facility  
Orange County, Florida  
FDEP Permit No. SO48-0173968-002**




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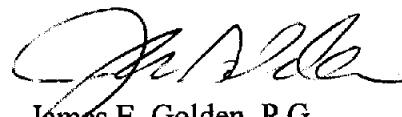
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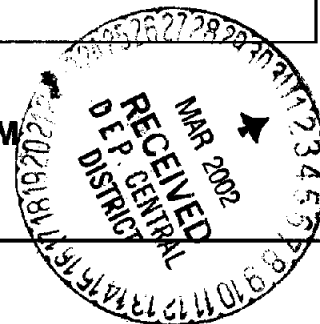
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TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN



Florida Department of Environmental Protection  
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 62-701.900(28)  
Financial Assurance Cost Estimate Form  
Effective Date 05-27-01  
DEP Application No. \_\_\_\_\_  
(Filed by DEP)



FINANCIAL ASSURANCE COST ESTIMATE FORM

Date: February 22, 2002 Date of DEP Approval: \_\_\_\_\_

I. GENERAL INFORMATION:

Facility Name: South Orlando Materials Recovery Facility WACS or GMSID #: 87104  
Permit / Application No.: SO48-173968-002 Expiration Date: 12/18/05  
Facility Address: 375 - 7th Street, Taft, Orange County  
Permittee: Taft Recycling, Inc.  
Mailing Address: 1099 Miller Drive, Altamonte Springs, Florida 32701

Latitude: 28 25 33 Longitude: 81 22 59 or UTM: \_\_\_\_\_

Solid Waste Disposal Units Included in Estimate:

Phase / Cell	Acres	Date Unit Began Accepting Waste	Design Life of Unit From Date of Initial Receipt of Waste
N/A			

Total Landfill Acreage included in this estimate. N/A Closure N/A Long-Term Care

Type of landfill: \_\_\_\_\_ Class I \_\_\_\_\_ Class III \_\_\_\_\_ C&D Debris

II. TYPE OF FINANCIAL ASSURANCE DOCUMENT (Check Type)

\_\_\_\_\_ Letter of Credit\* \_\_\_\_\_ Insurance Certificate  
\_\_\_\_\_ Performance Bond\* \_\_\_\_\_ Escrow Account  
☒ \_\_\_\_\_ Guaranty Bond\* \_\_\_\_\_ Trust Fund Agreement

\*Indicates mechanisms that require use of a Standby Trust Fund Agreement

Northwest District  
160 Governmental Center  
Pensacola, FL 32501-5794  
850-595-8360

Northeast District  
7825 Baymeadows Way, Ste. B200  
Jacksonville, FL 32256-7590  
904-448-4300

Central District  
3319 Maguire Blvd., Ste. 232  
Orlando, FL 32803-3767  
407-894-7555

Southwest District  
3804 Coconut Palm Dr.  
Tampa, FL 33619  
813-744-6100

South District  
2295 Victoria Ave., Ste. 364  
Fort Myers, FL 33901-3881  
941-332-6975

Southeast District  
400 North Congress Ave.  
West Palm Beach, FL 33401  
561-681-6600

### III. ESTIMATE ADJUSTMENT

40 CFR Part 264 Subpart H as adopted by reference in Rule 62-701.630, Florida Administrative Code sets forth the method of annual cost estimate adjustment. Cost estimates may be adjusted by using an inflation factor or by recalculating the maximum costs of closure in current dollars. Select one of the methods of cost estimate adjustment below.

#### ☒ (a) Inflation Factor Adjustment

Inflation adjustment using an inflation factor may only be made when a Department approved closure cost estimate exists and no changes have occurred in the facility operation which would necessitate modification to the closure plan. The inflation factor is derived from the most recent Implicit Price Deflator for Gross National Product published by the U.S. Department of Commerce in its survey of Current Business. The inflation factor is the result of dividing the latest published annual Deflator by the Deflator for the previous year. The inflation factor may also be obtained from the Solid Waste Financial Coordinator at (850)-488-0300.

This adjustment is based on the Department approved closure cost estimate dated: 8/21/00

Latest Department Approved Closure Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Closure Cost Estimate:
<u>\$159,687.32</u>	<u>X</u>	<u>1.02</u>	<u>=</u>	<u>\$162,881.07</u>

This adjustment is based on the Department approved long-term care cost estimate dated: \_\_\_\_\_

Latest Department Approved Annual Long-Term Care Cost Estimate:		Current Year Inflation Factor		Inflation Adjusted Annual Long-Term Care Cost Estimate:
_____	<u>X</u>	<u>1.02</u>	<u>=</u>	<u>\$0.00</u>

Number of Years of Long Term Care Remaining: \_\_\_\_\_ X \_\_\_\_\_

Inflation Adjusted Long-Term Care Cost Estimate: \_\_\_\_\_ = 0.00

#### ☐ (b) Recalculate Estimates (see section V)

### IV. CERTIFICATION BY ENGINEER

This is to certify that the Financial Assurance Cost Estimates pertaining to the engineering features of the this solid waste management facility have been examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, the Cost Estimates are a true, correct and complete representation of the financial liabilities for closing and long-term care of the facility and comply with the requirements of Florida Administrative Code (F.A.C.), Rule 62-701.630 and all other Department of Environmental Protection rules, and statutes of the State of Florida. It is understood that the Financial Assurance Cost Estimates shall be submitted to the Department annually, revised or adjusted as required by Rule 62-701.630(4), F.A.C.

Ana Carmen V. DeMelo 2/25/02  
Signature of Engineer

Ana Carmen V. DeMelo, P.E.  
Name & Title (please type)

57420  
Florida Registration Number (affix seal)

201 E Pine St, Ste 1000, Orlando, 32801  
Mailing Address

407-839-3955  
Telephone Number

Brent Fifer HAI for  
Signature of Owner/Operator

Brent Fifer, Manager  
Name & Title (please type)

(407) 488-2710  
Telephone Number

The above referenced "Closure Cost Estimate" and/or "Annual Long-Term Care Cost Estimate" is/are an Engineer's opinion of probable costs for the facility, based upon a number of assumptions. These costs may vary due to specific decisions made by the contractor including cost and extent of labor, equipment and materials, and market conditions, and a variety of other conditions over which Hartman & Associates, Inc. has no control.



# FLORIDA RECYCLING SERVICES, INC.

"Recycle to benefit the environment"

JANUARY 15, 2002

VIA OVERNIGHT MAIL



Gloria De Pradine, Compliance & Enforcement Supervisor  
Department of Environmental Protection  
Central District  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767

In reply to: Inspection of December 20, 2001    OCD-SW-0011

To Whom It May Concern:

**Subject: Florida Recycling, South Orlando Material Recycling - MRF OCD-SW-0011**

In reply to your letter, dated on January 8, 2002, I have talked to Mike Harsh at the site listed above. He stated to me that he has taken care of all the items that were listed on your report.

The reject solid waste from the facility was removed on December 22, 2001.

The windblown litter was cleaned up the same weekend of December 22, 2001.

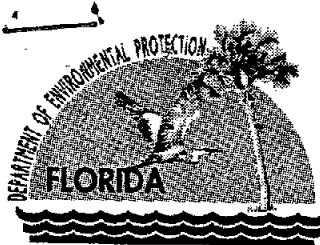
The pile of waste that was left by the prior owner will be cleaned up within two weeks.

Sincerely,

Sylvia Hursey  
Risk / Safety Mgr.

cc: Joe Briarton  
Frank Ward, Jr.  
Brent Fifer  
Risk Management

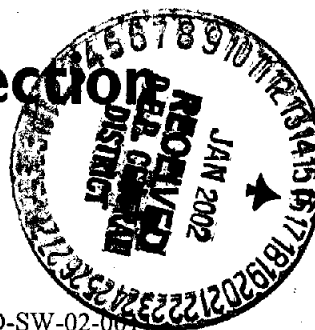
Printed on Recycled Paper



Jeb Bush  
Governor

# Department of Environmental Protection

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



David B. Struhs  
Secretary

OCD-SW-02-001

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

Orange County - SW  
South Orlando Material Recycling - MRF  
Inspection Report

Dear Mr. Briarton,

On December 20, 2001, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the following was noted:

- A considerable amount of waste was noted outside the building structure.
- Windblown litter was seen near the concrete pad.
- A pile of reject waste left by the prior owner had not been removed. This waste was noted on the last inspection as well.

Within ten (10) days or receipt of this letter please remove all reject solid waste from the facility and notify the Department in writing.

A copy of the inspection report is enclosed for your files. If you have any questions, please contact Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria De Pradine  
Compliance & Enforcement Supervisor  
Solid Waste Section

Date 1/8/02

GD/sq  
Enclosure



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
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Compliance & Enforcement Supervisor  
Solid Waste Section

Date 1/8/02

GD/sq  
Enclosure





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: South Orlando Materials Recovery Facility

WACS No. \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 12/26/01 Permit No.: 3048-173962-002 Expiration Date: \_\_\_\_\_

Facility Address: 17th Street

City: Taft County: Orange Zip: \_\_\_\_\_

Permittee or Operating Authority: \_\_\_\_\_

Telephone Number (Permittee or Operating Authority): \_\_\_\_\_

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Saadia Qureshi

Other Participants: Mike Harsh

TYPE OF FACILITY (check all that apply):

Landfill: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	C&D Facility: <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	Waste Processing Facility: <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input checked="" type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	Other Facilities: <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
--	---	---	---

TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion	<input type="checkbox"/> Complaint Investigation	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Operation	<input checked="" type="checkbox"/> Routine Inspection	
<input type="checkbox"/> Closure	<input type="checkbox"/> Reinspection	
<input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Facility File Review	

REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	✓			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	✓			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	✓			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	✓			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	✓			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	✓			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	✓			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)	✓			
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	✓			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	✓			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)	0			✓
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				✓
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				✓

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
A. CONSTRUCTION VERIFICATION					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)	YES	NO	Unk	N/A
<b>C. CLOSURE</b>				
53. Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54. Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(f)				
56. All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57. Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)				
58. Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59. If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60. Long term care performed adequately? 62-701.620				
61. Financial assurance adequate? 62-701.630				
62. Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES	YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE</b>				
1. Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	✓			
2. Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)	✓			
3. Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4. If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)	✓			
5. Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.	✓			
6. Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	✓			
7. Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	✓			
8. Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)	✓			
9. Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10. Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11. Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12. Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.	✓			
13. Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.	✓			
14. Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.		✓		
15. Is the facility operated to control objectionable odors? 62-701.710(4)(d)	✓			
16. Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	✓			
17. Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18. Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)	✓			
19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	/			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	✓			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)	<input checked="" type="checkbox"/>			

# VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

\*Two loads of C-3 waste was outside the roofing structure  
recommended that all waste

+One load of past material left by previous  
owner in corner of site - still has not  
been removed from site

\*Wind blown litter noted throughout  
due to barrels that barrels paper.

~~Chris~~ Chris Kohl trained employees

Signed:

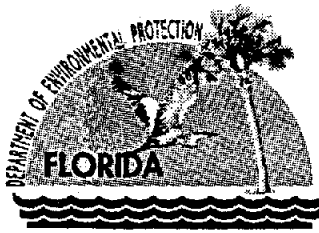
DEP Representative

12/20/01  
Date

Received:

Site Representative

Date



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

OCD-SW-01-0278

Mr. Brent Fifer, Manager  
Taft Recycling, Inc  
375 West 7<sup>th</sup> Street  
Taft, FL 32824

Orange County -SW  
Taft Recycling, Inc – MRF  
Letter of Inspection

*So. M. Fifer*

Dear Mr. Fifer,

On September 7, 2001, a representative of the Department of Environmental Protection visited your site to see if it was in compliance with current solid waste rules. At the time of the inspection, the facility appeared to be in compliance.

A copy of the inspection report is enclosed for your review. If you have any additional questions, please contact Saadia Qureshi at 407-893-3328.

Sincerely,

*Gloria DePradine*

Gloria DePradine  
Compliance & Enforcement Supervisor  
Solid Waste Section

Date

9/17/01

GD/sq

Enclosure





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: Taft Recycling / South Orlando MRF  
WACS No. \_\_\_\_\_ GMS I.D. Number (if available): N/A  
Inspection Date: 9/7/01 Permit No.: SC 48-0173968-001 + 002 Expiration Date: 8/01  
Facility Address: 375 West 7th Street  
City: Orlando (Taft) County: Orange Zip: 32824  
Permittee or Operating Authority: Florida Recycling Services  
Telephone Number (Permittee or Operating Authority): 407-448-2710

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Saadia Qureshi, FDEP  
Other Participants: Brent Fifer (Manager), Gary (Site Supervisor)

TYPE OF FACILITY (check all that apply):

Landfill: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	C&D Facility: <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input type="checkbox"/> Land Clearing	Waste Processing Facility: <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input type="checkbox"/> Class III MRF <input checked="" type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	Other Facilities: <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
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TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
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REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	<input checked="" type="checkbox"/>			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	<input checked="" type="checkbox"/>			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	<input checked="" type="checkbox"/>			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	<input checked="" type="checkbox"/>			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	<input checked="" type="checkbox"/>			

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	✓			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	✓			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	✓			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	✓			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	✓			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	✓			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)	✓			
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	✓			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	✓			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)	✓			
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)	✓			
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)	✓			

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
A. CONSTRUCTION VERIFICATION					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)					YES	NO	Unk	N/A
C. CLOSURE								
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)							
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.							
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)							
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)							
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)							
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)							
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)							
60.	Long term care performed adequately? 62-701.620							
61.	Financial assurance adequate? 62-701.630							
62.	Are cost estimates current and adjusted every year? 62-701.630(4)							

III. WASTE PROCESSING FACILITIES					YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE <i>MRF - Class 3 waste</i>								
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				✓			
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				✓			
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b) <i>Not a t.s. has building</i>				✓			
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)							✓
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				✓			
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				✓			
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				✓			
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				✓			
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				✓			
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				✓			
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				✓			
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				✓			
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2. <i>not certified</i>				✓	✓		
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				✓	✓		
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				✓			
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				✓			
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				✓			
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				✓			
19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				✓			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE (CONTINUED)</b>					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)	✓			
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a) <i>not three years yet</i>				✓
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
<b>B. CLOSURE</b>					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
<b>A. DISPOSAL</b>					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)</b>					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

## VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Scalehouse & building have now been completed.  
Have permit / appl. / operating manual on site.  
Jeff Henderson - certified operator for time being -  
Brett & Guy will be trained by Chris Kohl  
when Kohl's schedule allows.

Have not received connection from Florida Power  
So bailer & screener are not operating at this  
time.

In the back behind the office there are two piles  
of waste (most dirt & sand, land clearing debris)  
Brett informed me that they will be  
removed in the next week (will be taken  
to FRBM)

Signed:



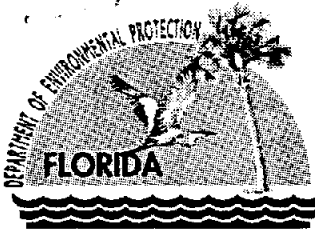
DEP Representative

9/7/01  
Date

Received:

Site Representative

Date



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-01-0069

Orange County -SW  
South Orlando Material Recycling - MRF  
Inspection Report

Dear Mr. Smith,

On February 20, 2001, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the facility was in the construction phase, thus was not operating.

If you have any questions, please contact Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria De Pradine  
Compliance & Enforcement Supervisor  
Solid Waste Section

Date 2/23/01

GD/sq  
Enclosure





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

GMS I.D. No. \_\_\_\_\_ Facility Name: South Orlando Recycling MRF  
Inspection Date: 2/20/01 Permit No.: 5048-0173968-002 Expiration Date: \_\_\_\_\_  
Facility Address: 375 7th Street Taft, FL mail to: Joe Briarton  
City: Taft County: Orange Zip: 32701  
Permittee or Operating Authority: Taft Recycling / Joe Briarton  
Telephone Number (Permittee or Operating Authority): 219-320-9829

Inspection Participants (Include **ALL** Landfill and Department Employees Specifying Titles):

Principal Inspector: Saadie Qureshi, FDEP

Other Participants: Brent A. Fifer, Project Manager

TYPE OF FACILITY

Landfill:

☐ Class I  
☐ Class II  
☐ Class III

C&D Facility:

☐ Disposal  
☐ Recycler  
☐ Land Clearing

Other Facilities:

☐ WTE Facility  
☐ Transfer Station  
☐ Incinerator/Trench Burner  
☒ Materials Recovery Facility  
☐ MSW ☐ Other Wastes

☐ Composting  
☐ MSW Shredder  
☐ Unauthorized Disposal  
☐ Other \_\_\_\_\_

TYPE OF INSPECTION

☐ Construction Completion  
☒ Operation  
☐ Closure  
☐ Post-Closure

☐ Complaint Investigation  
☐ Reinspection  
☐ Facility File Review

☐ Other \_\_\_\_\_

REQUIREMENTS

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	✓			
2. Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	✓			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	✓			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	✓			

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Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	✓			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	✓			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	✓			
12.	Is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	✓			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	✓			
14.	Is used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	✓			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	✓			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	✓			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III ? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)c				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

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Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
<b>B. OPERATION AND MAINTENANCE (CONTINUED)</b>					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
<b>C. WATER MANAGEMENT AND MONITORING</b>					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
<b>D. CLOSURE</b>					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-701.801(6)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
<b>A. DISPOSAL</b>					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
<b>B. RECYCLING</b>					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
<b>C. LAND CLEARING</b>					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
28.	Is access to the facility properly controlled? 62-701.803(7)				
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1) <i>not operating</i>	✓			
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				✓
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				✓
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				✓
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				✓
6.	Is financial assurance adequate? 62-701.700(4)				✓
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				✓

Department copy (white)  
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

## VII. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Facility is not operating - still under construction  
Mr. Fifer estimates that it will not be until  
4 months until is under operation.

Cleaning up site - mess due to previous  
owner. Had several piles of C&D debris  
that needed to be hauled out - will  
be completed today, according to Mr.  
Fifer.

- Taking in wood waste / mulching it / selling  
it.

Signed:  , 2/20/01  
DEP Representative Date

Received: \_\_\_\_\_ / \_\_\_\_\_  
Site Representative Date

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., MBA  
Mark I. Luke, P.S. M.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.  
J. Richard Voorhees, P.E., DEE  
Roderick K. Cashe, P.E.  
Lawrence F. Jenkins, P.S.M.

## ASSOCIATES:

Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Andrew T. Woodcock, P.E.  
Daryl C. Walk, P.E.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael H. Bomar, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
Stephen J. Rapp, P.E.  
Jennifer L. Woodall, P.E.  
L. Todd Shaw, P.E.

January 3, 2001



Via UPS Overnight

Mr. James N. Bradner, P.E.  
Solid Waste Program Manager  
Florida Department of Environmental Protection  
Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803


Subject: Taft Recycling, Inc.  
South Orlando Transfer Station  
Proof of Publication, Intent to Issue  
Permit Nos. SC48-0173968-001, SO48-0173968-002

Dear Mr. Bradner:

On behalf of Taft Recycling, Inc., Hartman & Associates, Inc. is submitting proof of publication of the Department's Intent to Issue for the above referenced facility. The notice was published in the Orlando Sentinel on December 29, 2000. Please call me if you have any questions.

Very truly yours,

Hartman & Associates, Inc.

  
Jennifer L. Deal, E.I.  
Engineer III

JLD/sas/99-202.07/corresp/Bradner.jld

Attachment

cc: Brent Fifer, Taft Recycling, Inc.  
Sid Vihlen, Jr., Taft Recycling, Inc.  
Joe Briarton, Taft Recycling, Inc.

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

*file*

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL

7099 3400 0010 0518 4245

In the Matter of an  
Application for Permit by:  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, FL 32701

Orange County - SW  
South Orlando Materials Recovery Facility-MRF

Attention: Mr. Joe Briarton

DEP File Nos. SC48-0173968-001 &  
SO48-0173968-002

INTENT TO ISSUE

The Department of Environmental Protection gives notice of its intent to issue a permit (copy of conditions attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Taft Recycling, Inc./Joe Briarton, applied on August 23, 2000, to the Department of Environmental Protection for a permit to construct and operate the Materials Recovery Facility in Orange County, Florida.

The Department has permitting jurisdiction under Section 403.707(1), F.S. and Chapters 62-4, 62-701 and 62-711, F.A.C. The project is not exempt from permitting procedures. The Department has determined that a construction and operation permit is required for the proposed work.

Pursuant to Section 403.815, F.S., you are required to publish at your own expense the enclosed Notice of Proposed Agency Action. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. You must provide proof of publication to the Department at the address listed below as soon as practical after publication. Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803, telephone 407/893-3328.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within 14 days of receipt of this written notice. Petitions filed by other persons must be filed within 14 days of publication of the notice or receipt of the written notice, whichever occurs first. Under Section 120.60(3), F.A.C., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

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

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department 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 or will be affected by the Department's action or proposed action;
- (d) A statement of all material facts disputed by petitioner or a statement that there are no disputed facts;
- (e) A statement of the ultimate facts alleged, including a statement of the specific facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

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

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the 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 such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department.



Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

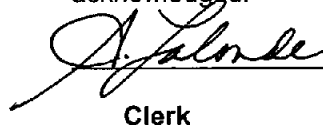


Vivian F. Garfein  
Director of District Management  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803  
407/894-7555

Date: December 22, 2000

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52(7),  
Florida Statutes, with the designated  
Department Clerk, receipt of which is hereby  
acknowledged.

 12/22/2000

Clerk

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this INTENT TO ISSUE and all  
copies were mailed by certified mail before the close of business on 12/22/2000 to the listed  
persons.

  
VFG/gc/ew  
Enclosures

Copies furnished to:

Mary Jean Yon - DEP - Tallahassee

Fred Wick - DEP - Tallahassee

Jim Becker - Orange county Solid Waste Division

Orange County Environmental Protection Department

James E. Golden, P.G. - Hartman & Associates, Inc.

Roderick K. Cashe, P.E. - Hartman & Associates, Inc.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Protection gives Notice of its Intent to issue a permit to Taft Recycling, Inc./Joe Briarton, 1099 Miller Drive, Altamonte Springs, FL 32701, to construct and operate the South Orlando Materials Recovery Facility in Orange County, Florida. The facility is located at 375 - 7th Street, Taft, in Section 2, Township 24 South, Range 29 East, in Orange County, FL.

The Department has assigned File Nos. & SC48-0173968-001 & SO48-0173968-002 to the project.

The Department's file on this matter 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, Central District office, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803, Telephone 407/893-3328.

A person whose substantial interests are affected by the above proposed agency action may petition for an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, Marjory Stoneman Douglas Building, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within 14 days of publication of this notice or receipt of the written notice, whichever occurs first. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

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

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department 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 all material facts disputed by petitioner or a statement that there are no disputed facts;
- (e) A statement of facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In accordance with Section 120.573, F.S., the Department advises that mediation is not available in this case as an alternative to filing a petition for an administrative determination.



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

## NOTICE OF PERMIT

### CERTIFIED

In the matter of an  
Application for Permit  
by:

Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, FL 32701

Orange County - SW  
South Orlando Materials Recovery Facility - MRF  
DEP File Nos. SC48-0173968-001 & SO48-0173968-002

Dear Mr. Briarton:

Enclosed are Permit Numbers SC48-0173968-001 & SO48-0173968-002 to construct and operate the South Orlando Materials Recovery Facility, issued under Section(s) 403.061(14) and 403.707, of the Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

**DRAFT**

Vivian F. Garfein  
Director of District Management  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803  
407/894-7555

Date: \_\_\_\_\_

FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7),  
Florida Statutes, with the designated Department  
Clerk, receipt of which is hereby acknowledged.

[Clerk]

[Date]

DRAFT

CERTIFICATE OF SERVICE

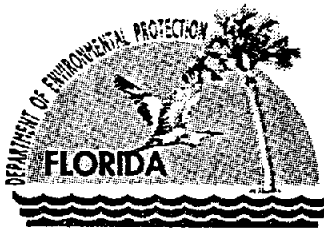
The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT  
and all copies were mailed before the close of business on \_\_\_\_\_ to the listed persons.

VFG/gc/ew

Enclosure

Copies furnished to:

Mary Jean Yon - DEP - Tallahassee  
Fred Wick - DEP - Tallahassee (w/o attachments)  
Jim Becker - Orange County Solid Waste Division  
Orange County Environmental Protection Department  
James E. Golden, P.G. - Hartman & Associates, Inc.  
Roderick K. Cashe, P.E. - Hartman & Associates, Inc.



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

Permittee:  
Mr. Joe Brierton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

I. D. Number:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Date of Issue:  
Expiration Date: December 18, 2005  
County: Orange  
Section/Township/Range:  
2/24 South/29 East  
Latitude/Longitude:  
28°25'33" North/81°22'59" West  
Project: South Orlando Materials Recovery  
Facility - MRF

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

To construct & Operate the South Orlando Materials Recovery Facility to service Orange, Osceola, and Seminole Counties. The property consists of approximately 10.6 acres with an existing office building, vehicle maintenance building and sorting areas.

The material delivered to the site will consist of Class III waste, as defined in Rule 62-701.340, F.A.C., which includes yard trash, concrete, wood wastes, building debris, cardboard, carpet, paper, glass, metal, plastic, waste tires, and furniture, and could be source separated or mixed load. The loads will be directed to a mixed material sorting area for separation and transfer to the appropriate bins. Processing will include sorting of mixed loads, compacting of cardboard, and chipping of wood material.

LOCATION: The facility is located at 375 - 7th Street, Taft, in Section 2, Township 24 South, Range 29 East, in Orange County, Florida.

General Conditions are attached to be distributed to the permittee only.

DER FORM 62-1.201(5) Effective November 30, 1982 Page 1 of 6.

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, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) 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 personal 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, as required by Department rules. This provision includes the operation of backup and auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
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 this 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.
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 Section 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.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-30.300, Florida Administrative Code (F.A.C.), 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:
  - ( ) Determination of Best Available Control Technology (BACT)
  - ( ) Determination of Prevention of Significant Deterioration (PSD)
  - ( ) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
  - ( ) 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 information) 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.
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.



PERMITTEE:  
Taft Recycling, Inc.

Attention: Mr. Joe Briarton

I. D. NUMBER:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Expiration Date: December 18, 2005

SPECIFIC CONDITIONS:

1. Plans & Specifications: Drawings, plans, documents and specifications submitted by the permittee, not attached hereto, but remain on file at the Central District office, are made a part of this permit.
2. Inspection Requirements: A copy of the permit, with a complete copy of the permit application and engineering drawings shall be kept on file at the facility for inspection and review upon request.
3. Other Permits: This permit does not relieve the permittee from complying with any other appropriate stormwater, MSSW or other permit requirements.
4. Signs: Signs indicating the name of the operating authority, traffic flow, hours of operation, charges for disposal and the types of wastes accepted shall be placed at all entrances to the facility.
5. Site Access: Access to the site shall be restricted by an effective barrier designed to prevent unauthorized entry and dumping.
6. Litter, Dust & Fire Protection: The facility shall have litter control devices, dust controls, fire protection and fire-fighting facilities. Litter is to be picked up and litter control devices are to be cleaned.
7. Safety Devices: Safety devices shall be provided on equipment to shield and protect the operators from potential hazards during operation.
8. Effluent Discharge: There shall be no discharge of liquid effluents or contaminated runoff to surface or ground water without prior approval from this Department.
9. Surface Water Management: All surface water runoff from the site shall be collected and treated to meet the requirements of Chapters 373 and 403, Florida Statutes, (F.S.), prior to discharge off-site. The surface water management system shall prevent surface water flow into waste storage areas.
10. Leachate & Other Liquid Wastes: The facility shall provide a suitable system for the collection and treatment necessary to meet water quality standards of all leachate and other liquid wastes such as washdown water produced as a result of the operation of the facility.
11. Control of Nuisance Conditions: The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. Such controls shall prevent the creation of nuisance conditions that may arise from noxious, unpleasant, or disagreeable odors on adjacent or nearby properties and users. Complaints received from the general public shall be immediately investigated by the permittee and, where warranted, take corrective actions to abate the adverse odor.

PERMITTEE:  
Taft Recycling, Inc.

Attention: Mr. Joe Briarton

I. D. NUMBER:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Expiration Date: December 18, 2005

SPECIFIC CONDITIONS:

12. Clean-up of Solid Waste Storage Areas: All solid waste storage areas shall be maintained and cleaned at the end of each day's operation or during continuous operation, as necessary, to prevent fly, rodent and other vector problems.
13. Allowable Wastes: This facility shall only process wastes that are acceptable for disposal at a Department permitted Class III landfill.
14. Storage of Solid Waste, Recovered Materials and Residues: All solid waste, recovered materials or residues handled at the facility shall be stored in a manner so as not to constitute a fire or safety hazard or a sanitary nuisance, and shall comply with all applicable local and state regulations.
15. Facility Shut-down: During any periods the facility is not operating, whether due to a planned or emergency shutdown, all incoming waste shall be directed to a Department permitted landfill or disposal facility for disposal. Any remaining waste on the tipping floor shall also be picked up and hauled away.
16. Equipment Breakdown: In the event of equipment malfunction, destruction, breakdown or other problems resulting in the permittee being temporarily unable to comply with any of the conditions of this permit, the Department is to be immediately notified by the permittee as to the cause, what steps are being taken to correct the problem and prevent its recurrence as required by Rule 62-4.130, F.A.C.
17. Unprocessed Solid Waste: The facility shall be operated so as to handle solid waste on a first-in, first-out basis. At no time shall any stored solid waste be allowed to remain unprocessed for more than 48 hours unless adequate provisions are made to control flies, rodents and odors.
18. Residual Disposal: Residuals generated from processing class III wastes shall be disposed of at a Department permitted Class III landfill. Residuals generated from processing construction and demolition debris may be disposed of at a Department permitted construction and demolition debris facility only if these wastes have not been comingled with Class III wastes.
19. Leachate Minimization: All sorting, processing and storage shall be completed under a permanent roof structure or within covered containers, protected from rainfall.
20. Solid Waste Processing Rate: The solid waste processing rate for this source is 1000 tons per day as stated in your application. Actual operating rates may vary depending upon business conditions.
21. Operations Plan: Prior to operation, the engineer of record or qualified individual shall prepare a day to day operation plan. The facility operator shall be trained, Rule 62-701.320(14), F.A.C., and a copy of the operations plan shall be kept at the facility.

PERMITTEE:  
Taft Recycling, Inc.

Attention: Mr. Joe Briarton

I. D. NUMBER:  
Permit/Certification Numbers:  
SC48-0173968-001 & SO48-0173968-002  
Expiration Date: December 18, 2005

SPECIFIC CONDITIONS:

22. Permit Deviations: The Department shall be notified and approval shall be obtained prior to executing any substantial changes or revisions to the construction and operation authorized by this permit.
23. Operation Permit Renewal: An operation permit renewal must be submitted at least 60 days prior to the expiration of the operation permit, Rule 62-4.090, F.A.C.
24. Facility Closure: The owner or operator shall notify the Department in writing 180 days before the date the facility is expected to close. Closure shall be completed within 180 days after receiving the final waste quantity. After closure is completed, the owner or operator shall certify in writing to the Department that closure is complete.
25. Financial Assurance Requirements: The permittee shall maintain compliance with the financial assurance requirements of Rule 62-701.700, F.A.C. by submitting all required updated supporting documentation in accordance with rule 62-701.630, F.A.C. and 40 CFR Part 264, Subpart H as adopted by reference in rule 62-701.630, F.A.C. All submittals in response to this specific condition shall be submitted to the Financial Coordinator, Solid Waste Section, Department of Environmental Protection, MS-4565, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.
26. Annual Cost Estimates and Financial Instrument Adjustments: The permittee shall, in addition to annually adjusting the closure and long-term care cost estimates, adjust the financial assurance mechanism to reflect an increase in cost estimates. Cost estimate adjustments shall be in accordance with Rule 62-701.630(4), F.A.C. Instrument adjustments shall be in accordance with Rule 62-701.630, F.A.C., and 40 CFR Part 264, Subpart H as adopted by reference in rule 62-701.630, F.A.C. Documentation of financial mechanism increases shall be submitted to: Financial coordinator, Solid Waste Section, Department of Environmental Protection, MS-4565, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. All estimate update submittals shall be sent to: Department of Environmental Protection, Central District, Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767.

ISSUED \_\_\_\_\_

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

\_\_\_\_\_  
Vivian F. Garfein  
Director of District Management  
3319 Maguire Boulevard  
Suite 232  
Orlando, Florida 32803

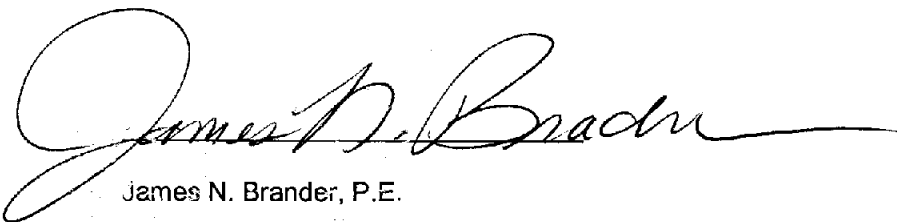
CERTIFICATION

South Orlando Materials Recovery Facility - MRF

Permit Application No. SC48-0173968-001 & SO48-0173968-002

I HEREBY CERTIFY that the engineering features described in the referenced application for a construction and operation permit for a Materials Recovery Facility, provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 62. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

This review was conducted by George Cheryan working under my direct supervision.

A large, stylized handwritten signature in black ink, reading "James N. Brander".

James N. Brander, P.E.

Seal

Date: 12/22/2000



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road MS 4565  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

December 8, 2000

Mr. Joe Briarton  
Regional Manager  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

RE: South Orlando Transfer Station

Dear Mr. Briarton:

I reviewed the documentation submitted to demonstrate financial assurance for the above referenced facility and find it is in order. The Carolina Casualty Insurance Company Guarantee Bond number 079138, effective October 10, 2000, adequately covers the district approved closure cost estimate of \$156,556.20. In addition, SunTrust Bank, Central Florida, N.A. Standby Trust Fund, entered into as of November 17, 2000, is acceptable. Therefore, South Orlando Transfer Station is in compliance with the financial assurance requirements of 40 CFR Part 264, Subpart H, as adopted by reference in Rule 62-701, Florida Administrative Code, at this time.

If you have any questions, please contact me at (850) 488-0300.

Sincerely,

Tor J.M. Bejnar  
Planner  
Solid Waste Section

TB

cc: Jim Bradner  
Fred Wick

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark I. Luke, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

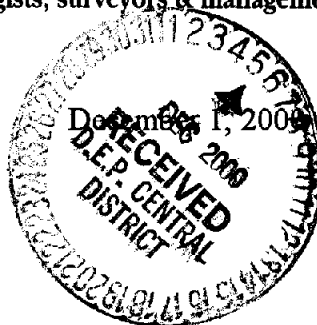
C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

## ASSOCIATES:

J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Cashe, P.E.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Alicia E. Oller, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Daryl C. Walk, P.E.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.

## REGIONAL MANAGERS

Mark A. Gabriel, P.E.



HAI #99-202.07

### Via UPS Overnight

Mr. Tor Bejnar  
Financial Coordinator  
FDEP Solid Waste Section  
2600 Blair Stone Road, MS-4565  
Tallahassee, FL 32300-2400

**Subject: Taft Recycling, Inc.  
South Orlando Materials Recovery Facility –MRF  
Permit Application No. SC48-0173968-001 & SO48-0173968-002**

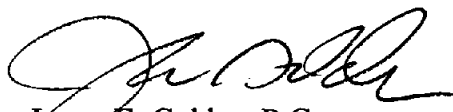
Dear Mr. Bejnar:

As requested, enclosed is a revised financial responsibility instrument (new Guarantee Bond form) for the subject solid waste facility.

We trust that this will satisfy the Department's financial responsibility requirements.

Very truly yours,

**Hartman & Associates, Inc.**

  
James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JEG/sas/99-202.07/corresp/Bejnar.jeg

Enclosures

cc: Joe Briarton, Taft Recycling, Inc.  
Sid Vihlen, Jr., Florida Recycling Services  
James N. Bradner, P.E., FDEP Central District

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • [www.consulthai.com](http://www.consulthai.com)

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

**STATE OF FLORIDA**  
**SOLID WASTE MANAGEMENT FACILITY FINANCIAL GUARANTEE BOND**  
**TO DEMONSTRATE FINANCIAL ASSURANCE**  
**FOR**

☒ Closing    ☐ Long-Term Care    ☐ Corrective Action  
[Check Appropriate Box(es)]

The term "Required Action" as used in this document means closing, long-term care, or corrective action, or any combination of these, which is checked above.

Date bond executed: October 10, 2000

Effective date: October 10, 2000

Principal: Taft Recycling, Inc.  
1099 Miller Drive, Altamonte Springs, FL 32701  
Legal Name and Business Address of Owner or Operator

Type of Organization:    ☐ Individual    ☐ Joint Venture    ☐ Partnership    ☒ Corporation  
Check One

State of Incorporation: Florida

Surety(ies): Carolina Casualty Insurance Company  
P.O. Box 2575  
Jacksonville, FL 32256  
Name(s) and Business Address(es)

List for each facility: FDEP Identification Number, name, and address. Indicate "Required Action" amounts for each facility separately.

<u>FDEP I.D. No.</u>	<u>Name</u>	<u>Address</u>	<u>Required Action Amount</u>
SC480173968	S. Orlando T.S. Taft Recycling, Inc.	375 - 7th Street Taft, FL 32824	\$156,566.20

Total penal sum of bond: \$156,556.20

Surety's bond number: 079138

Know All Persons By These Presents, That we, the Principal and Surety(ies) hereto are firmly bound to the Florida Department of Environmental Protection (hereinafter called FDEP), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be full amount of the penal sum.

WHEREAS, said Principal is required, under the Florida Solid Waste Management Act as amended, to have a permit in order to construct, operate or close each solid waste management facility identified above, and

WHEREAS, said Principal is required to provide financial assurance for the "Required Action," as a condition of the permit(s), and

WHEREAS, said principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

NOW, THEREFORE, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of final closure of each facility identified above, fund the standby trust fund in the amount(s) identified above for the facility,

Or, if the Principal shall fund the standby trust fund in such amount(s) within 15 days after an order to begin closure is issued by the Secretary of the FDEP or a U.S. district court or other court of competent jurisdiction,

Or, if the Principal shall provide alternate financial assurance and obtain the FDEP Secretary's written approval of such assurance, within 90 days after the date of notice or cancellation is received by both the Principal and the FDEP Secretary from the Surety(ies), then this obligation shall be null and void, otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by FDEP Secretary that the Principal has failed to perform as guaranteed by this bond, the Surety(ies) shall place funds in the amount guaranteed for the facility(ies) into the standby trust fund as directed by the FDEP Secretary.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the Secretary of the FDEP; however, cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the FDEP Secretary, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the Secretary of the FDEP.

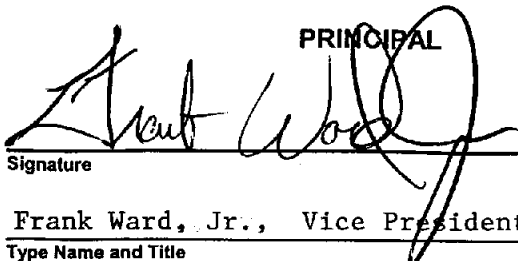
Principal and Surety(ies) hereby agree to adjust the penal sum of the bond yearly so that it guarantees a new "Required Action" amount, provided that the penal sum does not increase by more than 20 percent in any one year, and no decrease in the penal sum takes place without the written permission of the FDEP Secretary.

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this Financial Guarantee Bond and have affixed their seals on the date set forth above.



The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies).

PRINCIPAL



Signature

Frank Ward, Jr., Vice President

Type Name and Title

708-774-9211

Telephone Number

Corporate Seal

Bond premium: \$ 1,566.00

CORPORATE SURETY(IES)

For each co-surety provide the following

Carolina Casualty Insurance Company

Name and address

P.O. Box 2575

Jacksonville, FL 32256

Florida

State of Incorporation

Liability Limit \$ 1,566,556.20

  
Signature

Kristan F. Retusnic, Attorney-in-Fact

Type Name and Title

(708) 873-3312

Telephone Number

Corporate Seal

**POWER OF ATTORNEY  
CAROLINA CASUALTY INSURANCE COMPANY  
JACKSONVILLE, FLORIDA**

**NOTICE:** The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS: that CAROLINA CASUALTY INSURANCE COMPANY ("Company") a corporation duly organized and existing under the laws of the State of Florida, having its Principal office in Jacksonville, Florida, has made, constituted and appointed, and does by these presents make, constitute and appoint John J. Naso, Jr. or Frank Q. Poppie or Kimberlee A. McCarthy or Margueriete D. Baumann or Kristan F. Retusnic of Orland Park, IL

its true and lawful Agent and Attorney-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver:

any and all bonds and undertakings and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney is granted pursuant to the Minutes of the Special Meeting of the Board of Directors of Carolina Casualty Insurance Company held on March 30, 1966, to wit:

RESOLVED: "That the following Officers of the Carolina Casualty Insurance Company, Chairman of the Board, President, Secretary and Treasurer, or either of them, are hereby authorized to execute on behalf of the Carolina Casualty Insurance Company, Powers of Attorney authorizing and qualifying the Attorney-in-Fact named therein to execute bonds on behalf of the Carolina Casualty Insurance Company, and further, that the said Officers of the Company mentioned, are hereby authorized to affix the corporate seal of the said Company to Powers of Attorney executed pursuant hereto."

RESOLVED FURTHER, this Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the company except in the manner and to the extent therein stated.

RESOLVED FURTHER, this Power of Attorney revokes all previous powers issued on behalf of the attorney-in-fact named above.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF Carolina Casualty Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 5th day of April, 2000



Attest:

By

Betty C. Sutherland  
Betty C. Sutherland  
Vice President & Secretary

Carolina Casualty Insurance Company

By

Gary R. Wotho  
Gary R. Wotho  
Vice President-Finance & Treasurer

**WARNING: THIS POWER INVALID IF NOT PRINTED ON GREEN "MONITOR" SECURITY PAPER.**

STATE OF FLORIDA)  
COUNTY OF DUVAL) SS

On this 5th day of April, 2000, before me personally came Betty C. Sutherland, to me known, who, being by me duly sworn, did depose and say: that he/she is Secretary of Carolina Casualty Insurance Company, the Corporation described in and which executed the above instrument; and that he/she knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he/she signed his/her name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal; the day and year herein first above written.



Sharon P. Francis

Notary Public, State of Florida at Large

**CERTIFICATE**

I, the undersigned, Secretary of CAROLINA CASUALTY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a just, true, correct and complete copy of original Power of Attorney; that the said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and the seal of the Company, this 10th day of OCTOBER, 2000



Betty C. Sutherland  
Betty C. Sutherland

Secretary



# HARTMAN & ASSOCIATES, INC.

## PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark I. Luke, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

engineers, hydrogeologists, surveyors & management consultants

## ASSOCIATES:

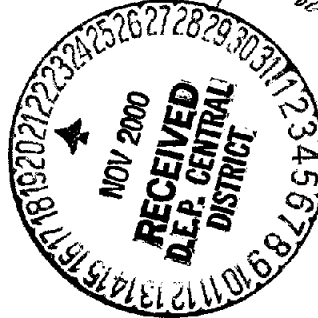
J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Cashe, P.E.  
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James E. Golden, P.G.  
Troy E. Layton, P.E.  
Alicia E. Oller, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Daryl C. Walk, P.E.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.

## REGIONAL MANAGERS

Mark A. Gabriel, P.E.

November 16, 2000

HAI #99-202.07



## Via UPS Overnight

Mr. Frederick J. Wick  
Financial Coordinator  
FDEP Solid Waste Section  
2600 Blair Stone Road, MS-4565  
Tallahassee, FL 32300-2400

**Subject: Taft Recycling, Inc.  
South Orlando Materials Recovery Facility -MRF  
Permit Application No. SC48-0173968-001 & SO48-0173968-002**

Dear Mr. Wick:

Enclosed for your information are the financial responsibility instruments (Surety Bond and Standby Trust Fund Agreement) for the subject solid waste facility.

We trust that this will comply with the Department's financial responsibility requirements.

Very truly yours,

**Hartman & Associates, Inc.**

James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JEG/jcv/sas/99-202.07/corresp/Wick.jeg

Enclosures

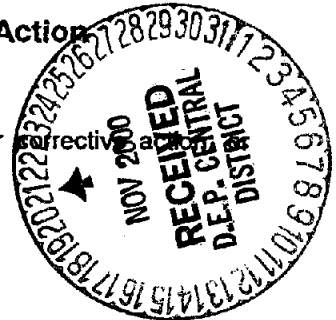
cc: Joe Briarton, Taft Recycling, Inc.  
Sid Vihlen, Jr., Florida Recycling Services  
James N. Bradner, P.E., FDEP Central District

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

**STATE OF FLORIDA**  
**SOLID WASTE MANAGEMENT FACILITY FINANCIAL GUARANTEE BOND**  
**TO DEMONSTRATE FINANCIAL ASSURANCE**  
**FOR**

☒ **Closing**      ☐ **Long-Term Care**      ☐ **Corrective Action**  
[Check Appropriate Box(es)]



The term "Required Action" as used in this document means closing, long-term care, or corrective action, or any combination of these, which is checked above.

Date bond executed: OCTOBER 10, 2000

Effective date: OCTOBER 10, 2000

Principal: Taft Recycling, Inc.  
1099 Miller Drive, Altamonte Springs, FL 32701  
Legal Name and Business Address of Owner or Operator

Type of Organization:    ☐ Individual    ☐ Joint Venture    ☐ Partnership    ☒ Corporation  
Check One

State of Incorporation: Florida

Surety(ies): CAROLINA CASUALTY INSURANCE COMPANY  
P.O. BOX 2575  
JACKSONVILLE, FL 32256

Name(s) and Business Address(es)

List for each facility: FDEP GMS Identification Number, name, and address. Indicate "Required Action" amounts for each facility separately.

<u>FDEP GMS- I.D. No.</u>	<u>Name</u>	<u>Address</u>	<u>Required Action Amount</u>
	S. Orlando T.S. Taft Recycling, Inc.	375 - 7th Street Taft, FL 32824	\$ 156,556.20

Total penal sum of bond: \$ 156,556.20

Surety's bond number: 079138

Know All Persons By These Presents, That we, the Principal and Surety(ies) hereto are firmly bound to the Florida Department of Environmental Protection (hereinafter called FDEP), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be full amount of the penal sum.

WHEREAS, said Principal is required, under the Florida Solid Waste Management Act as amended, to have a permit in order to construct, operate or close each solid waste management facility identified above, and

WHEREAS, said Principal is required to provide financial assurance for the "Required Action," as a condition of the permit(s), and

WHEREAS, said principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

NOW, THEREFORE, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of final closure of each facility identified above, fund the standby trust fund in the amount(s) identified above for the facility,

Or, if the Principal shall fund the standby trust fund in such amount(s) within 15 days after an order to begin closure is issued by the Secretary of the FDEP or a U.S. district court or other court of competent jurisdiction,

Or, if the Principal shall provide alternate financial assurance and obtain the FDEP Secretary's written approval of such assurance, within 90 days after the date of notice or cancellation is received by both the Principal and the FDEP Secretary from the Surety(ies), then this obligation shall be null and void, otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by FDEP Secretary that the Principal has failed to perform as guaranteed by this bond, the Surety(ies) shall place funds in the amount guaranteed for the facility(ies) into the standby trust fund as directed by the FDEP Secretary.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the Secretary of the FDEP; however, cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the FDEP Secretary, as evidenced by the return receipts.

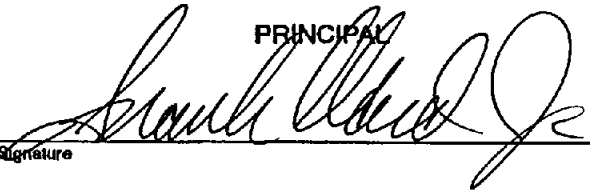
The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the Secretary of the FDEP.

Principal and Surety(ies) hereby agree to adjust the penal sum of the bond yearly so that it guarantees a new "Required Action" amount, provided that the penal sum does not increase by more than 20 percent in any one year, and no decrease in the penal sum takes place without the written permission of the FDEP Secretary.

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this Financial Guarantee Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies).

PRINCIPAL

  
Signature

Frank Ward, Jr., Vice President  
Type Name and Title

CORPORATE SURETY(IES)

For each co-surety provide the following

CAROLINA CASUALTY INSURANCE COMPANY

Name and address

P.O. BOX 2575

JACKSONVILLE, FL 32256

FLORIDA

State of Incorporation

Liability Limit \$ 156,556.20

Signature

KRISTAN F. RETUSNIC, ATTORNEY-IN-FACT

Type Name and Title

Corporate Seal

Corporate Seal

Bond premium: \$ 1,566.00

**POWER OF ATTORNEY  
CAROLINA CASUALTY INSURANCE COMPANY  
JACKSONVILLE, FLORIDA**

**NOTICE:** The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

**KNOW ALL MEN BY THESE PRESENTS:** that CAROLINA CASUALTY INSURANCE COMPANY ("Company") a corporation duly organized and existing under the laws of the State of Florida, having its Principal office in Jacksonville, Florida, has made, constituted and appointed, and does by these presents make, constitute and appoint John J. Naso, Jr. or Frank Q. Poppie or Kimberlee A. McCarthy or Margueriete D. Baumann or Kristan F. Retusnic of Orland Park, IL

its true and lawful Agent and Attorney-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver:

any and all bonds and undertakings and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney is granted pursuant to the Minutes of the Special Meeting of the Board of Directors of Carolina Casualty Insurance Company held on March 30, 1966, to wit:

**RESOLVED:** "That the following Officers of the Carolina Casualty Insurance Company, Chairman of the Board, President, Secretary and Treasurer, or either of them, are hereby authorized to execute on behalf of the Carolina Casualty Insurance Company, Powers of Attorney authorizing and qualifying the Attorney-in-Fact named therein to execute bonds on behalf of the Carolina Casualty Insurance Company, and further, that the said Officers of the Company mentioned, are hereby authorized to affix the corporate seal of the said Company to Powers of Attorney executed pursuant hereto."

**RESOLVED FURTHER,** this Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the company except in the manner and to the extent therein stated.

**RESOLVED FURTHER,** this Power of Attorney revokes all previous powers issued on behalf of the attorney-in-fact named above.

**RESOLVED FURTHER,** that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

**IN WITNESS WHEREOF** Carolina Casualty Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 5th day of April, 2000.



Attest:

By

Betty C. Sutherland  
Betty C. Sutherland  
Vice President & Secretary

Carolina Casualty Insurance Company

By

Gary R. Wotke  
Gary R. Wotke  
Vice President-Finance & Treasurer

**WARNING: THIS POWER INVALID IF NOT PRINTED ON GREEN "MONITOR" SECURITY PAPER.**

STATE OF FLORIDA) SS  
COUNTY OF DUVAL)

On this 5th day of April, 2000, before me personally came Betty C. Sutherland, to me known, who, being by me duly sworn, did depose and say: that ~~he~~/she is Secretary of Carolina Casualty Insurance Company, the Corporation described in and which executed the above instrument; and that ~~he~~/she knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he/she signed his/her name thereto by like order.

**IN WITNESS WHEREOF,** I have hereunto set my hand and affixed my official seal; the day and year herein first above written.



Sharon P. Francis  
Notary Public, State of Florida at Large

**CERTIFICATE**

I, the undersigned, Secretary of CAROLINA CASUALTY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a just, true, correct and complete copy of original Power of Attorney; that the said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and the seal of the Company, this 10TH day of OCTOBER, 2000.



Betty C. Sutherland  
Betty C. Sutherland

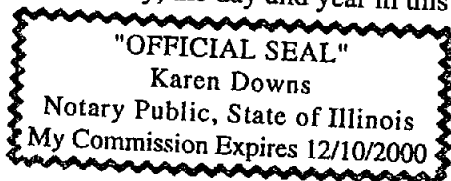
. Secretary



State of Illinois  
County of Cook

On this 10TH day of OCTOBER 20 00, before me personally appeared  
KRISTAN F. RETUSNIC., known to me to be the Attorney-in-fact of  
CAROLINA CASUALTY INSURANCE COMPANY, the corporation that executed the  
within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the  
aforesaid county, the day and year in this certificate first above written.



  
(Notary Public)

Page 1 of 4

**Section 4. Establishment of Fund.** The Grantor and the Trustee hereby establish a trust fund (the Fund), for the benefit of the FDEP. The Grantor and the Trustee intend that no third party have access to the Fund except as herein provided. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. Such property and any other property subsequently transferred to the Trustee is referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, IN TRUST, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities of the Grantor established by the FDEP.

**Section 5. Payment for Closure, Post-Closure Care, and Corrective Action.** The Trustee shall make payments from the Fund as the FDEP Secretary shall direct, in writing, to provide for the payment of the costs of "Required Action" of the facilities covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the FDEP Secretary from the Fund for "Required Action" expenditures in such amounts as the FDEP Secretary shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the FDEP Secretary specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

**Section 6. Payments Comprising the Fund.** Payments made to the Trustee for the Fund shall consist of cash or securities acceptable to the Trustee and shall consist solely of proceeds from the Surety Bond.  
"Insert "Letter of Credit" or "Surety Bond".

**Section 7. Trustee Management.** The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this Section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge his duties with respect to the trust fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with like aims; except that:

- (a) Securities or other obligations of the Grantor, or any other owner or operator of the facilities, or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2.(a), shall not be acquired or held, unless they are securities or other obligations of the Federal or a State government;
- (b) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the Federal or a State government; and
- (c) The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

**Section 8. Commingling and Investment.** The Trustee is expressly authorized in its discretion:

- (a) To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to participate, subject to all of the provisions thereof, to be commingled with the assets of other trusts participating therein; and
- (b) To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a-1 et seq., including one which may be created, managed, underwritten, or to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote such shares in its discretion.

**Section 9. Express Power of Trustee.** Without in any way limiting the powers and discretions conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

- (a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;

(b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;

(c) To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States Government, or any agency or instrumentality thereof, with a Federal Reserve bank, but the books and records of the Trustee shall at all times show that all such securities are part of the Fund;

(d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the Federal or a State government; and

(e) To compromise or otherwise adjust all claims in favor of or against the Fund.

**Section 10. Taxes and Expenses.** All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and all other proper charges and disbursements of the Trustee shall be paid from the Fund.

**Section 11. Annual Valuation.** The Trustee shall annually, at least 30 days prior to the anniversary date of establishment of the Fund, furnish to the Grantor and to the Secretary of the FDEP a statement confirming the value of the Trust. Any securities in the Fund shall be valued at market value as of no more than 60 days prior to the anniversary date of establishment of the fund. The failure of the Grantor to object in writing to the Trustee within 90 days after the statement has been furnished to the Grantor and the FDEP Secretary shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to matters disclosed in the statement.

**Section 12. Advice of Counsel.** The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any question arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

**Section 13. Trustee Compensation.** The Trustee is authorized to charge against the principal of the Trust its published Trust fee schedule in effect at the time services are rendered.

**Section 14. Successor Trustee.** The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor Trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall specify the date on which it assumes administration of the trust in a writing sent to the Grantor, FDEP Secretary, and the present Trustee by certified mail 10 days before such change becomes effective. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 10.

**Section 15. Instructions to the Trustee.** All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are designated in the attached Exhibit A or such other designees as the Grantor may designate by amendment to Exhibit A. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the FDEP Secretary to the Trustee shall be in writing, signed by the FDEP Secretary, or the designee, and the

Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or a termination of the authority of any person to act on behalf of the Grantor or the FDEP hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or the FDEP, except as provided for herein.

**Section 16. Amendment of Agreement.** This Agreement may be amended by an instrument in writing executed by the Grantor, the Trustee, and the FDEP Secretary, or by the Trustee and the FDEP Secretary if the Grantor ceases to exist.

**Section 17. Irrevocability and Termination.** Subject to the right of the parties to amend this Agreement as provided in Section 16, this Trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the FDEP Secretary, or by the Trustee and the FDEP Secretary, if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

**Section 18. Immunity and Indemnification.** The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any directions by the Grantor or the FDEP Secretary issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor or from the Trust Fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all expenses reasonably incurred in its defense in the event the Grantor fails to provide such defense.

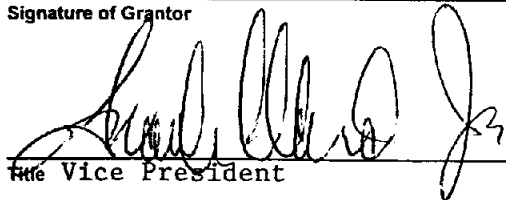
**Section 19. Choice of Law.** This Agreement shall be administered, construed, and enforced according to the laws of the State of Florida.

**Section 20. Interpretation.** As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each Section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement.

IN WITNESS WHEREOF the parties have caused this Agreement to be executed by their respective officers duly authorized and their corporate seals to be hereunto affixed and attested as of the date first above written.

Taft Recycling, Inc.

Signature of Grantor



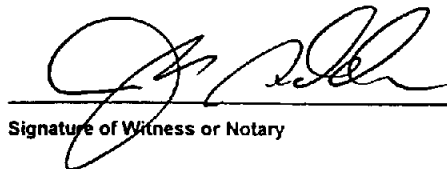
Title Vice President

SunTrust Bank, Central Florida

Signature of Trustee

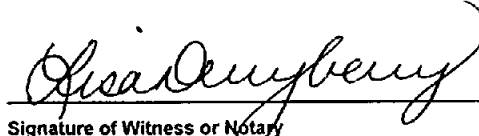


Title Corporate Trust Officer



Signature of Witness or Notary

Seal



Signature of Witness or Notary

Seal

BELOW ARE EXAMPLES OF THE FOUR REQUIRED ATTACHMENTS THAT MUST ACCOMPANY A TRUST FUND AGREEMENT. THEY ARE ONLY EXAMPLES OF FORMATS ACCEPTABLE TO THE DEPARTMENT. THEREFORE, VARIATIONS CONTAINING THE REQUIRED INFORMATION ARE ALSO ACCEPTABLE.

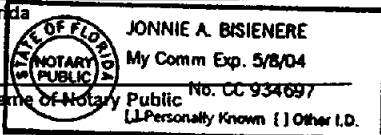
CERTIFICATION OF ACKNOWLEDGMENT FOR  
SOLID WASTE MANAGEMENT FACILITY TRUST FUND AGREEMENT

State of Florida

County of Orange

The foregoing instrument was acknowledged before me this 17 day of November, 19 2000 by  
Frank Ward, Jr. as Vice President  
Name of person Type of authority, e.g., officer, trustee, etc.  
for Taft Recycling, Inc., the corporation described in and which  
Name of party on behalf of whom instrument was executed  
executed the above instrument.

Signature of Notary Public, State of Florida



Print, Type, or Stamp Commissioned Name of Notary Public No. CC 934697  
[ ] Personally Known [ ] Other I.D.

Personally Known ☒ or Produced Identification ☐

Type of Identification Produced \_\_\_\_\_

SCHEDULE A

This Agreement demonstrates financial assurance for the following cost estimate(s) for the following facility(ies):

Indicate "Required Action" for each facility

GMS I.D. No.: \_\_\_\_\_

**COST ESTIMATES:**

NAME: Taft Recycling, Inc. - MRF

Closure \$ 156,556.20

ADDRESS: 375 7th Street

Post-Closure \$ -0-

Taft, FL 32824

Corrective Action \$ -0-

FDEP # SC48-0173968

Total \$ 156,556.20

**SCHEDULE B**

**The Fund is established initially as consisting of the following property:**

\$156,556.20 Surety Bond issued by Carolina Casualty Insurance Company #079138  
List the property used to establish the trust fund (e.g. [check # \_\_\_\_\_ in the amount of \$ \_\_\_\_\_].)

---

---

**EXHIBIT A**

**All orders, requests, and instructions by the grantor to the Trustee shall be in writing and signed by one of the following persons:**

Frank Ward, Jr.

Name

Vice President

Title

Sid Vihlen, Jr.

Name

Vice President

Title

Sid Vihlen, III

Name

Attorney for Taft Recycling, Inc.

Title

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark I. Lake, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

## ASSOCIATES:

J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Gashe, P.E.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Alicia E. Oller, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Daryl C. Walk, P.E.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.

## REGIONAL MANAGERS

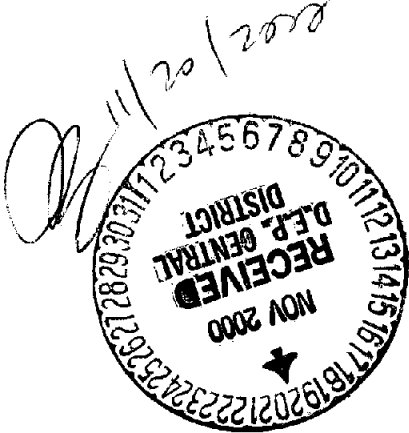
Mark A. Gabriel, P.E.

November 16, 2000

HAI #99-202.07

## Via UPS Overnight

Mr. James N. Bradner, P.E.  
Solid Waste Program Manager  
Florida Department of Environmental Protection  
Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803-3767



**Subject: Taft Recycling, Inc.  
South Orlando Materials Recovery Facility – MRF  
Permit Application No. SC48-0173968-001 & SO48-0173968-002**

Dear Mr. Bradner:

On behalf of our client, Taft Recycling, Inc., Hartman & Associates, Inc. (HAI) has prepared this letter in response to your comments dated October 17, 2000 regarding the subject permit application.

## Comment:

The additional information received on October 10, 2000 was reviewed; however, the items listed on the attached memo remain incomplete. Evaluation of your application will continue to be delayed until we receive all requested information.

10. Financial responsibility arrangements for the facility are to be made with the Florida Department of Environmental Protection, Financial Coordinator – Solid Waste Section, 2600 Blair Stone Road, MS-4565, Tallahassee, Florida 32300-2400, with a copy to: the Florida Department of Environmental Protection – Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803.

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • [www.consulthai.com](http://www.consulthai.com)

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN



Mr. James N. Bradner, P.E.  
November 16, 2000  
Page 2

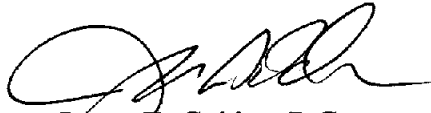
Response:

The required surety bond and standby trust fund agreement have been submitted to the Department's Financial Coordination in Tallahassee, Florida. A copy is attached for your records.

We trust that this response will allow you to approve the subject permit. Please call if you have any questions.

Very truly yours,

**Hartman & Associates, Inc.**

A handwritten signature in black ink, appearing to read 'J. Golden', is written over the typed name.

James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JEG/dg/jev/sas/99-202.07/corresp/Bradner2.jeg.doc

**Attachments**

cc: Joe Briarton, Taft Recycling, Inc.  
Sid Vihlen, Jr., Florida Recycling Services  
Bret Fifer, Wood Recycling

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark I. Luke, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

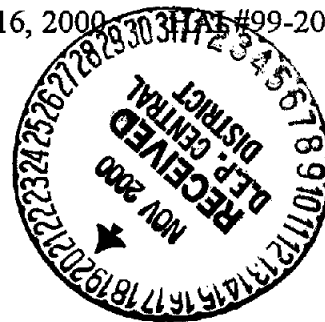
## ASSOCIATES:

J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Cashc, P.E.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Alicia E. Oller, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Daryl C. Walk, P.E.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.

## REGIONAL MANAGERS

Mark A. Gabriel, P.E.

November 16, 2000



### Via UPS Overnight

Mr. Frederick J. Wick  
Financial Coordinator  
FDEP Solid Waste Section  
2600 Blair Stone Road, MS-4565  
Tallahassee, FL 32300-2400

**Subject: Taft Recycling, Inc.  
South Orlando Materials Recovery Facility -MRF  
Permit Application No. SC48-0173968-001 & SO48-0173968-002**

Dear Mr. Wick:

Enclosed for your information are the financial responsibility instruments (Surety Bond and Standby Trust Fund Agreement) for the subject solid waste facility.

We trust that this will comply with the Department's financial responsibility requirements.

Very truly yours,

**Hartman & Associates, Inc.**

James E. Golden, P.G.  
Senior Hydrogeologist/Associate

JEG/jev/sas/99-202.07/corresp/Wick.jeg

Enclosures

cc: Joe Briarton, Taft Recycling, Inc.  
Sid Vihlen, Jr., Florida Recycling Services  
James N. Bradner, P.E., FDEP Central District

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • [www.consulthai.com](http://www.consulthai.com)

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

**STATE OF FLORIDA**  
**SOLID WASTE MANAGEMENT FACILITY FINANCIAL GUARANTEE BOND**  
**TO DEMONSTRATE FINANCIAL ASSURANCE**  
**FOR**

☒ **Closing**      ☐ **Long-Term Care**      ☐ **Corrective Action**  
[Check Appropriate Box(es)]

The term "Required Action" as used in this document means closing, long-term care, or corrective action, or any combination of these, which is checked above.

Date bond executed: OCTOBER 10, 2000

Effective date: OCTOBER 10, 2000

Principal: Taft Recycling, Inc.  
1099 Miller Drive, Altamonte Springs, FL 32701  
Legal Name and Business Address of Owner or Operator

Type of Organization:    ☐ Individual    ☐ Joint Venture    ☐ Partnership    ☒ Corporation  
Check One

State of Incorporation: Florida

Surety(ies): CAROLINA CASUALTY INSURANCE COMPANY  
P.O. BOX 2575  
JACKSONVILLE, FL 32256

Name(s) and Business Address(es)

List for each facility: FDEP GMS Identification Number, name, and address. Indicate "Required Action" amounts for each facility separately.

<u>FDEP GMS- I.D. No.</u>	<u>Name</u>	<u>Address</u>	<u>Required Action Amount</u>
	S. Orlando T.S. Taft Recycling, Inc.	375 - 7th Street Taft, FL 32824	\$ 156,556.20

Total penal sum of bond: \$ 156,556.20

Surety's bond number: 079138

Know All Persons By These Presents, That we, the Principal and Surety(ies) hereto are firmly bound to the Florida Department of Environmental Protection (hereinafter called FDEP), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be full amount of the penal sum.

WHEREAS, said Principal is required, under the Florida Solid Waste Management Act as amended, to have a permit in order to construct, operate or close each solid waste management facility identified above, and

WHEREAS, said Principal is required to provide financial assurance for the "Required Action," as a condition of the permit(s), and

WHEREAS, said principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

NOW, THEREFORE, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of final closure of each facility identified above, fund the standby trust fund in the amount(s) identified above for the facility,

Or, if the Principal shall fund the standby trust fund in such amount(s) within 15 days after an order to begin closure is issued by the Secretary of the FDEP or a U.S. district court or other court of competent jurisdiction,

Or, if the Principal shall provide alternate financial assurance and obtain the FDEP Secretary's written approval of such assurance, within 90 days after the date of notice or cancellation is received by both the Principal and the FDEP Secretary from the Surety(ies), then this obligation shall be null and void, otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by FDEP Secretary that the Principal has failed to perform as guaranteed by this bond, the Surety(ies) shall place funds in the amount guaranteed for the facility(ies) into the standby trust fund as directed by the FDEP Secretary.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the Secretary of the FDEP; however, cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the FDEP Secretary, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the Secretary of the FDEP.

Principal and Surety(ies) hereby agree to adjust the penal sum of the bond yearly so that it guarantees a new "Required Action" amount, provided that the penal sum does not increase by more than 20 percent in any one year, and no decrease in the penal sum takes place without the written permission of the FDEP Secretary.

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this Financial Guarantee Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies).

PRINCIPAL



Signature

Frank Ward, Jr., Vice President

Type Name and Title

CORPORATE SURETY(IES)

For each co-surety provide the following

CAROLINA CASUALTY INSURANCE COMPANY

Name and address

P.O. BOX 2575

JACKSONVILLE, FL 32256

FLORIDA

State of Incorporation

Liability Limit \$ 156,556.20

Signature

KRISTAN F. RETUSNIC, ATTORNEY-IN-FACT

Type Name and Title

Corporate Seal

Corporate Seal

Bond premium: \$ 1,566.00

**POWER OF ATTORNEY  
CAROLINA CASUALTY INSURANCE COMPANY  
JACKSONVILLE, FLORIDA**

**NOTICE:** The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS: that CAROLINA CASUALTY INSURANCE COMPANY ("Company") a corporation duly organized and existing under the laws of the State of Florida, having its Principal office in Jacksonville, Florida, has made, constituted and appointed, and does by these presents make, constitute and appoint John J. Naso, Jr. or Frank Q. Poppie or Kimberlee A. McCarthy or Margueriete D. Baumann or Kristan F. Retusnic of Orland Park, IL

its true and lawful Agent and Attorney-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver:

any and all bonds and undertakings and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney is granted pursuant to the Minutes of the Special Meeting of the Board of Directors of Carolina Casualty Insurance Company held on March 30, 1966, to wit:

RESOLVED: "That the following Officers of the Carolina Casualty Insurance Company, Chairman of the Board, President, Secretary and Treasurer, or either of them, are hereby authorized to execute on behalf of the Carolina Casualty Insurance Company, Powers of Attorney authorizing and qualifying the Attorney-in-Fact named therein to execute bonds on behalf of the Carolina Casualty Insurance Company, and further, that the said Officers of the Company mentioned, are hereby authorized to affix the corporate seal of the said Company to Powers of Attorney executed pursuant hereto."

RESOLVED FURTHER, this Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the company except in the manner and to the extent therein stated.

RESOLVED FURTHER, this Power of Attorney revokes all previous powers issued on behalf of the attorney-in-fact named above.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF Carolina Casualty Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 5th day of April, 2000



Attest:

By Betty C. Sutherland  
Betty C. Sutherland  
Vice President & Secretary

Carolina Casualty Insurance Company

By Gary R. Wotho  
Gary R. Wotho  
Vice President-Finance & Treasurer

**WARNING: THIS POWER INVALID IF NOT PRINTED ON GREEN "MONITOR" SECURITY PAPER.**

STATE OF FLORIDA) SS  
COUNTY OF DUVAL)

On this 5th day of April, 2000, before me personally came Betty C. Sutherland, to me known, who, being by me duly sworn, did depose and say: that ~~he~~/she is Secretary of Carolina Casualty Insurance Company, the Corporation described in and which executed the above instrument; and that ~~he~~/she knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that ~~he~~/she signed his/her name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal; the day and year herein first above written.



Sharon P. Francis

Notary Public, State of Florida at Large

CERTIFICATE

I, the undersigned, Secretary of CAROLINA CASUALTY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a just, true, correct and complete copy of original Power of Attorney; that the said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and the seal of the Company, this 10TH day of OCTOBER, 2000



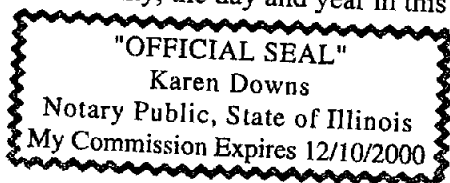
Betty C. Sutherland  
Betty C. Sutherland

Secretary

State of Illinois  
County of Cook

On this 10TH day of OCTOBER 20 00, before me personally appeared  
KRISTAN F. RETUSNIC., known to me to be the Attorney-in-fact of  
CAROLINA CASUALTY INSURANCE COMPANY, the corporation that executed the  
within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the  
aforesaid county, the day and year in this certificate first above written.



  
(Notary Public)





**Section 4. Establishment of Fund.** The Grantor and the Trustee hereby establish a trust fund (the Fund), for the benefit of the FDEP. The Grantor and the Trustee intend that no third party have access to the Fund except as herein provided. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. Such property and any other property subsequently transferred to the Trustee is referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, IN TRUST, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities of the Grantor established by the FDEP.

**Section 5. Payment for Closure, Post-Closure Care, and Corrective Action.** The Trustee shall make payments from the Fund as the FDEP Secretary shall direct, in writing, to provide for the payment of the costs of "Required Action" of the facilities covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the FDEP Secretary from the Fund for "Required Action" expenditures in such amounts as the FDEP Secretary shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the FDEP Secretary specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

**Section 6. Payments Comprising the Fund.** Payments made to the Trustee for the Fund shall consist of cash or securities acceptable to the Trustee and shall consist solely of proceeds from the Surety Bond.  
"Insert "Letter of Credit" or "Surety Bond".

**Section 7. Trustee Management.** The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this Section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge his duties with respect to the trust fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with like aims; except that:

- (a) Securities or other obligations of the Grantor, or any other owner or operator of the facilities, or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2.(a), shall not be acquired or held, unless they are securities or other obligations of the Federal or a State government;
- (b) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the Federal or a State government; and
- (c) The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

**Section 8. Commingling and Investment.** The Trustee is expressly authorized in its discretion:

- (a) To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to participate, subject to all of the provisions thereof, to be commingled with the assets of other trusts participating therein; and
- (b) To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a-1 et seq., including one which may be created, managed, underwritten, or to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote such shares in its discretion.

**Section 9. Express Power of Trustee.** Without in any way limiting the powers and discretions conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

- (a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;

(b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;

(c) To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States Government, or any agency or instrumentality thereof, with a Federal Reserve bank, but the books and records of the Trustee shall at all times show that all such securities are part of the Fund;

(d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the Federal or a State government; and

(e) To compromise or otherwise adjust all claims in favor of or against the Fund.

**Section 10. Taxes and Expenses.** All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and all other proper charges and disbursements of the Trustee shall be paid from the Fund.

**Section 11. Annual Valuation.** The Trustee shall annually, at least 30 days prior to the anniversary date of establishment of the Fund, furnish to the Grantor and to the Secretary of the FDEP a statement confirming the value of the Trust. Any securities in the Fund shall be valued at market value as of no more than 60 days prior to the anniversary date of establishment of the fund. The failure of the Grantor to object in writing to the Trustee within 90 days after the statement has been furnished to the Grantor and the FDEP Secretary shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to matters disclosed in the statement.

**Section 12. Advice of Counsel.** The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any question arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

**Section 13. Trustee Compensation.** The Trustee is authorized to charge against the principal of the Trust its published Trust fee schedule in effect at the time services are rendered.

**Section 14. Successor Trustee.** The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor Trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall specify the date on which it assumes administration of the trust in a writing sent to the Grantor, FDEP Secretary, and the present Trustee by certified mail 10 days before such change becomes effective. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 10.

**Section 15. Instructions to the Trustee.** All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are designated in the attached Exhibit A or such other designees as the Grantor may designate by amendment to Exhibit A. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the FDEP Secretary to the Trustee shall be in writing, signed by the FDEP Secretary, or the designee, and the

Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or a termination of the authority of any person to act on behalf of the Grantor or the FDEP hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or the FDEP, except as provided for herein.

**Section 16. Amendment of Agreement.** This Agreement may be amended by an instrument in writing executed by the Grantor, the Trustee, and the FDEP Secretary, or by the Trustee and the FDEP Secretary if the Grantor ceases to exist.

**Section 17. Irrevocability and Termination.** Subject to the right of the parties to amend this Agreement as provided in Section 16, this Trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the FDEP Secretary, or by the Trustee and the FDEP Secretary, if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

**Section 18. Immunity and Indemnification.** The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any directions by the Grantor or the FDEP Secretary issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor or from the Trust Fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all expenses reasonably incurred in its defense in the event the Grantor fails to provide such defense.

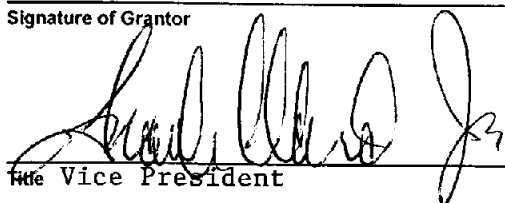
**Section 19. Choice of Law.** This Agreement shall be administered, construed, and enforced according to the laws of the State of Florida.

**Section 20. Interpretation.** As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each Section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement.

IN WITNESS WHEREOF the parties have caused this Agreement to be executed by their respective officers duly authorized and their corporate seals to be hereunto affixed and attested as of the date first above written.

Taft Recycling, Inc.

Signature of Grantor



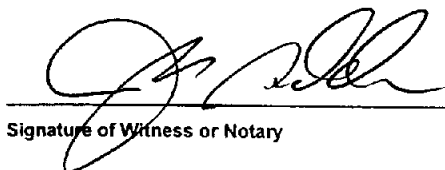
Title Vice President

SunTrust Bank, Central Florida

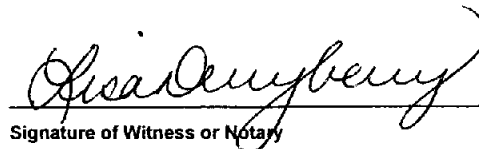
Signature of Trustee



Title Corporate Trust Officer



Signature of Witness or Notary



Signature of Witness or Notary

Seal

Seal

**BELOW ARE EXAMPLES OF THE FOUR REQUIRED ATTACHMENTS THAT MUST ACCOMPANY A TRUST FUND AGREEMENT. THEY ARE ONLY EXAMPLES OF FORMATS ACCEPTABLE TO THE DEPARTMENT. THEREFORE, VARIATIONS CONTAINING THE REQUIRED INFORMATION ARE ALSO ACCEPTABLE.**

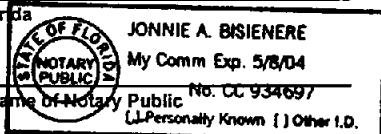
**CERTIFICATION OF ACKNOWLEDGMENT FOR  
SOLID WASTE MANAGEMENT FACILITY TRUST FUND AGREEMENT**

State of Florida

County of Orange

The foregoing instrument was acknowledged before me this 17 day of November, 19 2000 by  
Frank Ward, Jr. as Vice President  
Name of person Type of authority, e.g., officer, trustee, etc.  
for Taft Recycling, Inc., the corporation described in and which  
Name of party on behalf of whom instrument was executed  
executed the above instrument.

Signature of Notary Public, State of Florida



Print, Type, or Stamp Commissioned Name of Notary Public

Personally Known ☒ or Produced Identification ☐

Type of Identification Produced \_\_\_\_\_

**SCHEDULE A**

This Agreement demonstrates financial assurance for the following cost estimate(s) for the following facility(ies):

Indicate "Required Action" for each facility

GMS I.D. No.: \_\_\_\_\_

**COST ESTIMATES:**

NAME: Taft Recycling, Inc. - MRF

Closure \$ 156,556.20

ADDRESS: 375 7th Street

Post-Closure \$ -0-

Taft, FL 32824

Corrective Action \$ -0-

FDEP #SC48-0173968

Total \$ 156,556.20

**SCHEDULE B**

**The Fund is established initially as consisting of the following property:**

\$156,556.20 Surety Bond issued by Carolina Casualty Insurance Company #079138  
List the property used to establish the trust fund (e.g. [check # \_\_\_\_\_ in the amount of \$ \_\_\_\_\_].)

---

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**EXHIBIT A**

**All orders, requests, and instructions by the grantor to the Trustee shall be in writing and signed by one of the following persons:**

Frank Ward, Jr.

Name

Vice President

Title

Sid Vihlen, Jr.

Name

Vice President

Title

Sid Vihlen, III

Name

Attorney for Taft Recycling, Inc.

Title

Memorandum


Florida Department of  
Environmental Protection

*file*

CENTRAL DISTRICT

TO: Financial Coordinator  
Solid Waste Section  
MS - 4565  
Division of Waste Management

OCD-SW-00-0465


FROM: James N. Bradner, P.E.   
Program Manager  
Solid Waste

DATE: October 16, 2000

SUBJECT: Orange County - SW  
South Orlando Materials Recovery Facility - MRF  
Permit Application Nos. SC48-0173968-001 & SO48-0173968-002  
Review of Closure/Long-Term Care Cost Estimates

We have reviewed the enclosed closure and long-term care cost estimates submitted August 23, 2000, for the subject facility and believe that they are adequate for the site at this time.

Please feel free to contact me if you need any additional information.

  
JNB/gc/ew

Enclosures

TABLE 1

**CLOSURE COST ESTIMATE**  
**TAFT RECYCLING, INC. - SOUTH ORLANDO TRANSFER STATION**  
**TAFT, FLORIDA**

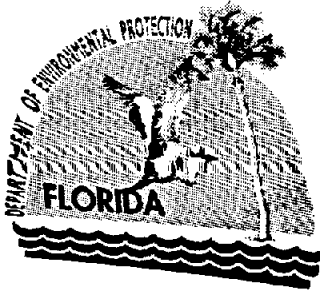
Material Type	Maximum Storage Quantity	Density (lbs/CY)	Unit Rates			Totals \$	Disposal/Locations
			Load/CY *	Haul/Load *	Disposal/Tons		
Unprocessed Class III <sup>(1)</sup>	700 CY	400	\$0.50	\$140	\$17.20	\$3,738.00	Orange County Class III Landfill
Unprocessed C&D <sup>(1)</sup>	700 CY	667	0.50	140	12.50	\$4,248.13	C&D Landfill
Yard Trash <sup>(1)</sup>	15,000 CY	296	0.50	100	28.35	\$85,437.00	Orange County Class III Landfill
Recovered Concrete <sup>(4)</sup>	10,000 CY	4,000	0.50	140	0.00*	\$28,333.33	Concrete Recycler
Asphaltic Concrete <sup>(4)</sup>	2,500 CY	1,380	0.50	140	0.00*	\$7,083.33	Concrete Recycler
Roofing Tiles <sup>(4)</sup>	200CY	2,000	0.50	140	17.20	\$4,066.67	Orange County Class III Landfill
Recovered Cardboard <sup>(3)</sup>	60 CY	100	0.50	140	17.20	\$291.60	Orange County Class III Landfill
Paper <sup>(3)</sup>	60 CY	600	0.50	140	17.20	\$549.60	Orange County Class III Landfill
Metal Ferrous <sup>(3)</sup>	60 CY	400	0.50	140	17.20	\$446.40	Orange County Class III Landfill
Metal Aluminum <sup>(3)</sup>	60 CY	250	0.50	140	17.20	\$369.00	Orange County Class III Landfill
Glass <sup>(2)</sup>	60 CY	1,000	0.50	140	17.20	\$966.00	Orange County Class III Landfill
Plastic <sup>(3)</sup>	60 CY	75	0.50	140	17.20	\$278.70	Orange County Class III Landfill
Recovered Wood <sup>(1)</sup>	1000 CY	600	0.50	100	12.50	\$5,250.00	C&D Landfill
Tires <sup>(2)</sup> Reject	30 CY	100	0.50	140	99.00	\$373.50	Orange County Class III Landfill
Class I <sup>(2)</sup> Reject	10 CY	1,250	0.50	140	30.65	\$266.56	Orange County Class I Landfill
RSM (fines) <sup>(4)</sup>	60 CY	1,000	0.50	140	17.20	\$686.00	Orange County Class III Landfill
<b>Contingency (10%)</b>						<b>\$14,232.38</b>	
<b>Estimated Closure Costs</b>						<b>\$156,556.20</b>	

Notes: Storage Location of Material is shown on the Site Plan, C-1

- (1) Transportation cost based on load capacity of 100 cyds or 25/tons load.
  - (2) Transportation cost based on load capacity of 20 cyds.
  - (3) Transportation cost based on load capacity of 40 cyds.
  - (4) Transportation cost based on load capacity of 60 cyds.
- \* Agreement with adjacent concrete crusher (Taft Pit, Inc.) to accept recovered concrete at no charge.

*James E. Golden* 9/21/00  
 James E. Golden, P.G.

*Roderick K. Cashe*  
 Roderick K. Cashe, P.E.  
 FL. Reg. No. 45,169



Department of  
**Environmental Protection**

Jeb Bush

Governor

**CERTIFIED**

7099 3400 0010 0518 4610

Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

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

David B. Scrubs  
Secretary

OCD-SW-00-0466

Orange County - SW  
South Orlando Materials Recovery Facility - MRF  
Permit Application No. SC48-0173968-001 & SO48-0173968-002

Dear Mr. Briarton:

This is to acknowledge receipt of your application for the subject facility. The status of your application is as follows:

- ( ) Your application for permit received on information listed on the attached sheet promptly. Evaluation of your application will be delayed until all the requested information has been received. is incomplete. Please provide the
- (X) The additional information received on October 10, 2000 was reviewed, however, the items listed on the attached memo remain incomplete. Evaluation of your application will continue to be delayed until we receive all requested information.

Pursuant to Section 120.60(2), Florida Statutes, the Department may deny an application, if the applicant, after receiving timely notice, fails to correct errors, omissions or supply additional information within a reasonable period of time. Please submit three copies of the requested information to the Department and reference the above application permit number in your correspondence.

If you have any questions, please contact me at (407) 893-3328.

Sincerely,

*James N. Bradner*  
James N. Bradner, P.E.  
Program Manager  
Solid Waste

Date: 10/17/2000

JNB/gc/ew  
Enclosure  
cc: James E. Golden, P.E. - Hartman & Associates, Inc.  
Roderick K. Cashe, P.E. - Hartman & Associates, Inc.



10. Financial responsibility arrangements for the facility are to be made with the Florida Department of Environmental Protection, Financial Coordinator - Solid Waste Section, 2600 Blair Stone Road, MS-4565, Tallahassee, Florida 32300-2400, **with a copy to:** the Department of Environmental Protection - Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803.

# HARTMAN & ASSOCIATES, INC.

## PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark I. Luke, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

engineers, hydrogeologists, surveyors & management consultants

October 9, 2000

HAI #99-202.07

## ASSOCIATES:

J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Cashe, P.E.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Alicia E. Oller, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Daryl C. Walk, P.E.  
Grant C. Maichow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.

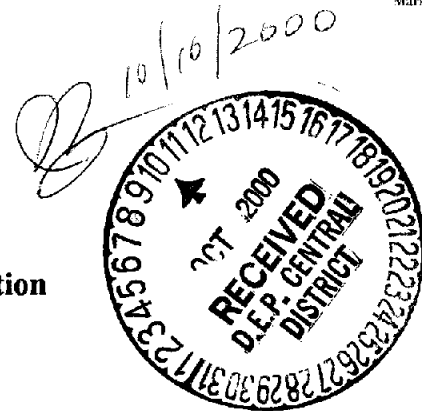
## REGIONAL MANAGERS

Mark A. Gabriel, P.E.

### Via UPS Overnight

Mr. James Bradner, P.E.  
Program Manager, Solid Waste  
Florida Department of Environmental Protection  
3319 Maquire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: Response to Request for Additional Information  
South Orlando MRF  
Taft Recycling, Inc.  
Taft, Florida  
Permit Application No. SC48-0173968-001 & SO48-0173968-002**



Dear Mr. Bradner:

On behalf of Taft Recycling, Inc., Hartman & Associates (HAI) is responding to your request for additional information dated September 14, 2000. The Department's comments and our responses are listed below.

1. **Comment:** Submit proof of publication in a newspaper of general circulation of Notice of Application for a permit to construct and operate a materials recovery facility as requested in Florida Department of Environmental Protection letter OCD-SW-00-0398 dated August 29, 2000.

**Response:** The proof of publication was sent to Vivian Garfein on September 26, 2000. A copy of the notification is attached.

2. **Comment:** Provide information to indicate that the proposed construction and operation of the materials recovery facility is not in violation of the prohibitions of Rule 62-701.300, F.A.C.

**Response:** The proposed MRF construction and operation will not violate the FAC 62-701.300 Prohibitions as stated below:

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

- (1) (a) No solid waste will be stored at the proposed MRF prior to permitting.
- ✓ (b) No solid waste will be stored in the manner or location that will cause air quality, water quality, or receiving water standards to be violated, as described in the application.
- (2) No on-site disposal is proposed.
  - (a) The area proposed for storage of solid waste is not in an area of unstable geological formations (sinkholes) or soils, see Attachment A (Engineering Report) and Attachment J (Geotechnical Report) of the permit application.
  - (b) See Attachment A (Engineering Report) of the permit application.
  - (c) A door-to-door well survey was performed to locate existing water supply wells within 500 feet of the proposed facility. The well survey indicated that all the properties within 500 feet of the site are commercial properties and receive water from the City of Taft. No wells were located within the search area.
  - (d) The Facility will not store wastes in a dewatered pit.
  - (e) As shown on the FEMA map (Figure 3) in the Engineering Report, the western half of the property is located within the 100 year flood zone. However, the property has been built up to an elevation of approximately 98 feet NGVD from the 100-year flood elevation of approximately 94 feet NGVD indicated on the USGS topographic map. Also, a stormwater system has been developed for the site to collect and control surface water runoff. Therefore, we do not anticipate any flooding problems on the subject site.
  - (f) The Facility will not store wastes in surfacewater or groundwater.
  - (g) No solid waste will be stored within 200 feet of the closest water body (Boggy Creek). The National Wetland Inventory shows a wetland on the property which extends onto the property to the east. As explained in Section 2.4 of the Engineering Report, this wetland was filled by the owner to surrounding grade with clean debris and partially covered with concrete.
  - (h) The Facility will not store wastes in any road right-of-way.
  - (i) The South Florida Water Management District (SFWMD) was contacted to request a survey of all the permitted water supply wells within 1000 feet of the proposed facility. The well inventory indicated that the proposed MRF is not within 1,000 feet of a community potable well.
- (3) No burning is proposed at the MRF.
- (4) Hazardous wastes are unacceptable wastes at the proposed MRF, see application.
- (5) PCBs wastes are unacceptable wastes at the proposed MRF, see application.
- (6) Biohazardous wastes are unacceptable wastes at the proposed MRF, see application.
- (7) N/A

Mr. James Bradner, P.E.

October 9, 2000

Page 3

- (8) N/A
- (9) N/A
- (10) N/A
- (11)(a) N/A
- (b) N/A

3. **Comment:** Appendix I in the report indicates that notice was sent to Orlando International Airport and Florida Department of Transportation regarding airport safety requirements. The evidence of notification to Orlando International Airport and Florida Department of Transportation is missing in the report. Submit copies of notification sent to Orlando International Airport and Florida Department of Transportation.

Response: The Greater Orlando Aviation Authority (Orlando International Airport) and the Florida Department of Transportation both received a copy of the letter that was included in Appendix I. Copies of the Certified Mail receipts are attached.

4. **Comment:** Appendix I on Airport Safety describes the site as an existing recycling facility. Provide information as to whether the site is a Department permitted recycling facility. Also, indicate what materials were recycled and the year the facility started recycling.

Response: The existing wood recycling facility was not permitted by the Department. The site owner stated that the facility recycles wood pallets, and previously concrete, and began recycling approximately 20 years ago. Only wood pallet chipping is currently active on the site. The wood chipping facility is currently operated by Taft Recycling.

5. **Comment:** Provide information as to whether the storage, sorting and processing areas including the tipping floor for the materials recovery facility are in an enclosed area and under a roof.

Response: The solid waste storage, sorting, and processing area, including the tipping floor, will be covered by a roof, see Figure C-1. Detail drawings of the building's foundation and canopy are attached, see Figure C-2. Additional processing equipment details are also attached. Future plans include the expansion of the building.

6. **Comment:** Appendix C- Facilities Operation Flow Chart shows reject C&D waste is disposed at C&D landfill and reject class III material is disposed at Class II landfill. Please note that if the C&D waste is from a mixed load of C&D and Class III, then the C&D waste has to be disposed in a Class III landfill. Please comment.

Mr. James Bradner, P.E.  
October 9, 2000  
Page 4

Response: As noted, any rejected C&D waste that has been mixed with Class III waste will be disposed of in a Class III Landfill.

7. **Comment:** Page 3-3, Attachment A, Sec. 3.6 indicates that Class III and C&D wastes will be deposited onto a concrete tipping pad to prevent waste contact with the ground and to assist leachate containment. Provide information as to how leachate containment is achieved.

Response: The tipping floor will be covered by a roof to prevent leachate generation from precipitation. Leachate produced from wash water will be collected in a sump in the tipping floor, see Figure C-2. Leachate collected in the sump will be pumped out and properly disposed of by a contract Industrial waste service.

8. **Comment:** Page 2-2, Sec. 2.5 of the report indicates that the recycling process does not involve the use of water and so no leachate collection system is proposed. Provide information on the disposal of wash water from the tipping floor and processing area.

Response: A sump will be constructed in the tipping floor to collect any wash water or liquids brought in with loads. Wash water will be used sparingly and absorbent material will be used to cleanup spills. When the sump fills up, the water will be pumped out and properly disposed of by a contract Industrial waste service.

9. The boundary survey submitted in Attachment D was not signed and sealed by a Florida registered land surveyor. Please submit the same, signed and sealed by a land surveyor registered in the State of Florida.

Response: A signed and sealed boundary survey is attached.

10. **Comment:** Financial responsibility arrangements for the facility are to be made with the Florida Department of Environmental Protection, Financial Coordinator – Solid Waste Section, 2600 Blair Stone Road, MS-4565, Tallahassee, Florida 32300-2400, with a copy to the Department of Environmental Protection – Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803.

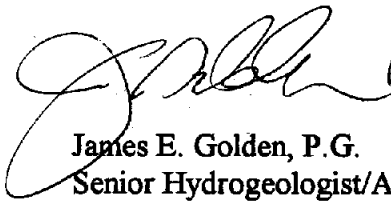
Response: We assume FDEP has approved the Financial Assurance Cost estimate for the Facility. A copy of the bond for this amount and the appropriate paperwork will be forwarded to the Department this week, and the original sent to the FDEP Financial Coordinator, in Tallahassee.


Mr. James Bradner, P.E.  
October 9, 2000  
Page 5

We trust that our responses will allow permit approval.

If you have any questions, please give me a call.

Very truly yours,

 10/9/00  
James E. Golden, P.G.  
Senior Hydrogeologist/Associate

**Hartman & Associates, Inc.**  
  
Roderick K. Cashe, P.E.  
Project Engineer/Associate

JEG/sas/sma//99-202.07/corresp/bradner1A.vsc

**Attachments**

cc: Joe Briarton, Taft Recycling, Inc.  
Sid Vihlen, Jr., Taft Recycling, Inc.  
Brent Fifer, Wood Recycling, Inc.  
Dave Sevigny, Florida Recycling Services, Inc.



The Orlando Sentinel

Published Daily

State of Florida } S.S.  
COUNTY OF ORANGE

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at ORLANDO in ORANGE County, Florida; that the attached copy of advertisement, being a STATE OF FLORIDA in the matter of TAFT RECYCLING in the ORANGE Court, was published in said newspaper in the issue; of 09/07/00

Affiant further says that the said Orlando Sentinel is a newspaper published at ORLANDO in said ORANGE County, Florida, and that the said newspaper has heretofore been continuously published in said ORANGE County, Florida, each Week Day and has been entered as second-class mail matter at the post office in ORLANDO in said ORANGE 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/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

The foregoing instrument was acknowledged before me this 8th day of Sept, 2000 by Linda Bridgewater, who is personally known to me and who did take an oath.

(SEAL)



BEVERLY C. SIMMONS  
My Comm Exp. 3/10/2001  
Bonded By Service Ins  
No. CC619265  
I, Personally Known 11 Other 10

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF APPLICATION

The Department announces receipt of an application for permit from Taft Recycling, Inc./Joe Blanton, 1066 Miller Drive, Altamonte Springs, FL 32711 to construct and operate a Material Recovery Facility. That proposed project will be located at 375 7th Street, Taft, in Section 3, Township 24, South, Range 26 East, in Orange County, Florida.

This application is being processed and is available for public inspection at the Department's Business Hours, Monday through Friday, 8:30 a.m. through 4:30 p.m., except on legal holidays at the Department of Environmental Protection, 3319 Macquie Boulevard, Suite 232, Orlando, FL 32803-3767, telephone 407/893-3328. Any comments or objections should be filed in writing with the Department at this address. Comments or objections should be submitted as soon as possible to ensure that there is adequate time for them to be considered. The Department will decide on the application.

COR3504820 SEPT. 7, 2000



## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Anthony Montegra  
Greater Orlando Aviation  
Authority  
5850 Cargo Drive, CEF Bldg.  
Orlando Florida  
32827-4399

2. Article Number (Copy from service label)

7099 3220 0003 6208 1385

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

JOB # 99-202.07 VSC

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Federal Aviation Authority  
Airspace Branch, AS0520  
1701 Columbia Avenue  
College Park, Georgia 30337

2. Article Number (Copy from service label)

7099 3220 0003 6208 1392

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

JOB # 99-202.07 VSC

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Frank Wichowski  
133 S. Semoran Blvd.  
Orlando FL. 32807

2. Article Number (Copy from service label)

7099 3220 0003 6208 1408

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

## COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

V MILLER

9/5/00

C. Signature

X Vicki Miller

☐ Agent☐ Addressee

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

## COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

A. Received by (Please Print Clearly)

9-5-00

C. Signature

X [Signature]

☐ Agent☐ Addressee

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

## COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

Debbie Chaney

8/24/00

C. Signature

X Debbie Chaney

☐ Agent☐ Addressee

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

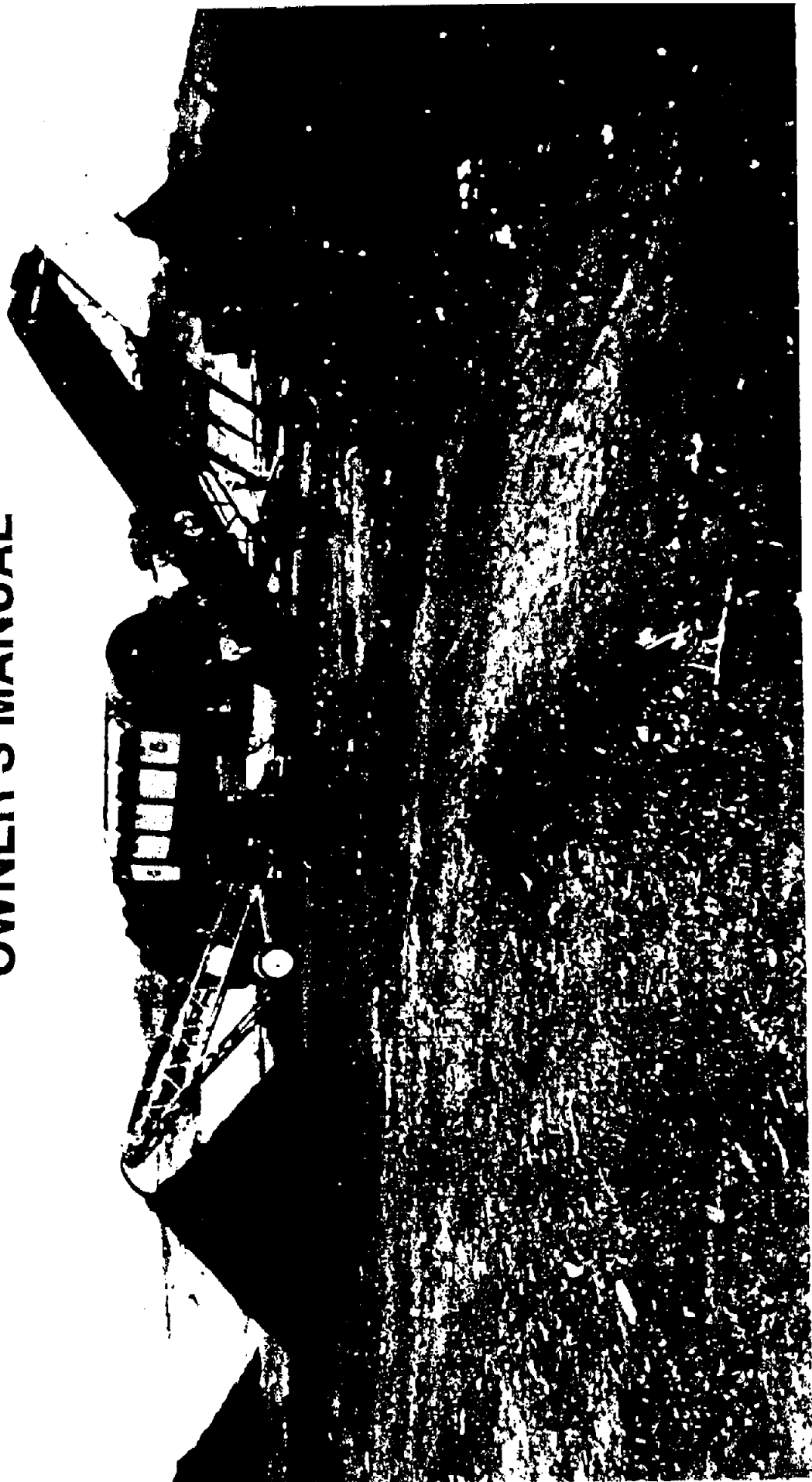
☐ Yes



# **723A**

## **PORTABLE TROMMEL SCREEN**

### **OWNER'S MANUAL**



## **MACHINE SPECIFICATIONS**

### **CHASSIS/FRAME**

Frame rails are constructed of 4" x 12" x 1/2" thick rectangular structural tubing, fitted and welded with cross bracing and gusset supports. Integral fifth wheel plate is constructed of 3/4" thick steel plate.  
Length: 46'  
Width: 96" without fold out stacker  
Weight: approximately 50,000 lb.

### **ENGINE**

Type: 4 cylinder 4045T John Deere water cooled diesel engine with severe application 2 stage Donaldson air cleaner. The engine is equipped with a Murphy shutdown panel which includes oil pressure, engine temperature and air cleaner shutdown, key start and hour meter.

Horsepower: 115 hp at 2400 rpm

Oil Quantity: 14 quarts

Fuel Quantity: 65 gallons

### **HYDRAULIC DRIVE SYSTEM**

Drum and feeder are a closed loop type system with independently operating variable displacement pumps which are electrically controlled. The optional under conveyor and optional stacking conveyors are powered by an open loop type system consisting of a pressure compensated variable displacement pump. This pump provides only as much flow as necessary to power the stacking conveyors. This system minimizes horsepower requirements which achieves maximum fuel efficiency. The system is cooled by a heavy duty hydraulic cooler and is fed by a 100 gallon reservoir.

### **DRUM AND FEEDER CIRCUIT**

Pump: Sunstrand Series 40 - M46  
Variable Displacement pump

Feeder motor: 116A Nichols motor

Drum motor: SAI Sunstrand piston motor

### **AUXILIARY FUNCTION CIRCUIT**

Pump: Vickers PVE 19/21 variable displacement, pressure compensated.

Valve: modular controls, machined MCD 3520 manifold block assembly with 12 VDC coils.

Safety features: Master power/keyed lockout switch is supplied in the NEMA 12 enclosure. This switch, in the set-up mode, will allow the operation of the lift cylinders on the inner frame, outriggers, and the optional fold-out fines. Set-up mode will prevent operation of the drum, feeder, and any optional conveyor belts.

An emergency stop is installed that will disable all hydraulic functions in the event of an emergency.

### **IN-FEED HOPPER**

The infeed hopper has a capacity of 9.0 cubic yards and is constructed of 3/8" reinforced steel plate with a loading height of 11'6".

## **MACHINE SPECIFICATIONS**

### **IN-FEED CONVEYOR**

Consists of a 48" wide belt with 24" lagged head pulley with integral variable speed planetary gear drive, 20" winged tail pulley and 10" channel frame construction.

Variable speed: 0 to 75 fpm

The conveyor belt rides on 12 impact type troughing idlers that are set on 13" center spacing.

### **SCREEN DRUM**

7' diameter x 23' long, having 18' long screen area. Chain driven variable speed 42 cubic inch hydraulic drive motor. #7 gauge side skirting.

Four (4) nylon screen cleaning brushes. Drum is fabricated of 1/2" steel plate with six (6) 4" x 4" x 1/2" structural tubes.

Variable speed: 0 to 25 rpm

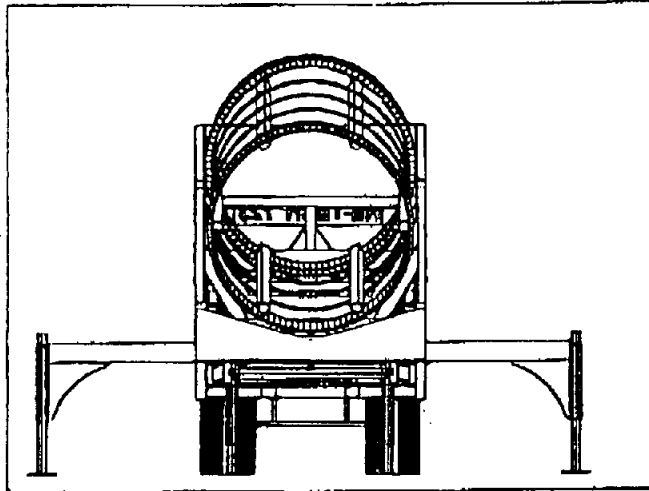
### **OPTIONAL FINES COLLECTION CONVEYOR**

60" wide belt, 10" head and tail pulleys with 2-1/4" diameter shafts.

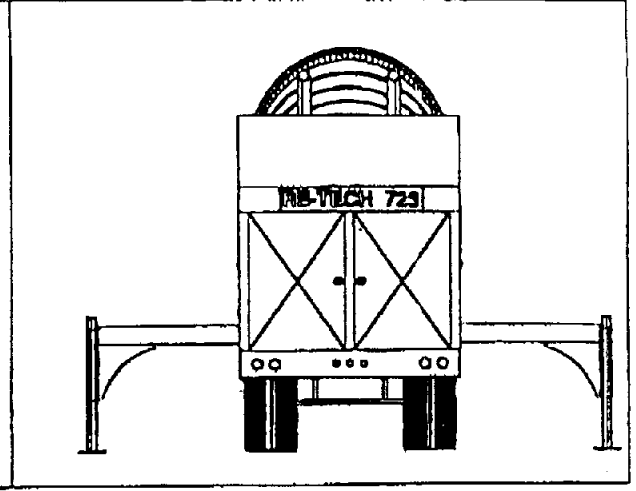
### **OPTIONAL FINES DISCHARGE CONVEYOR**

36" wide x 161" long fold out conveyor. Hydraulically positioned into place providing approximately 8' drop height.

# EQUIPMENT FAMILIARIZATION



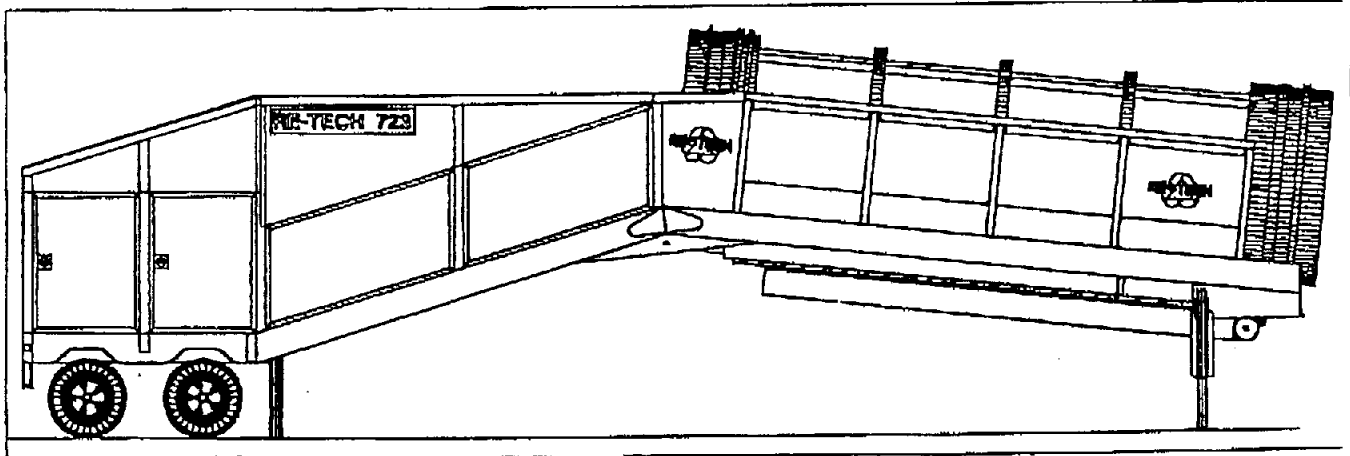
FRONT SIDE



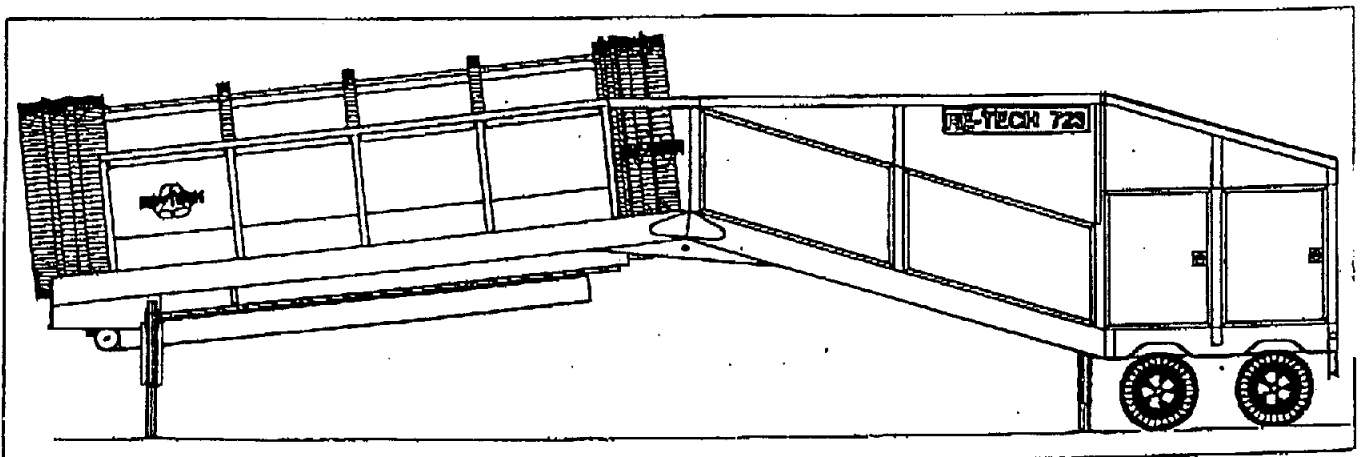
REAR SIDE

This manual refers to the front, rear, passenger, and driver side of the 723A from the orientation of connection to an over the road fifth wheel tractor.

The following illustrations identify major components of these areas.

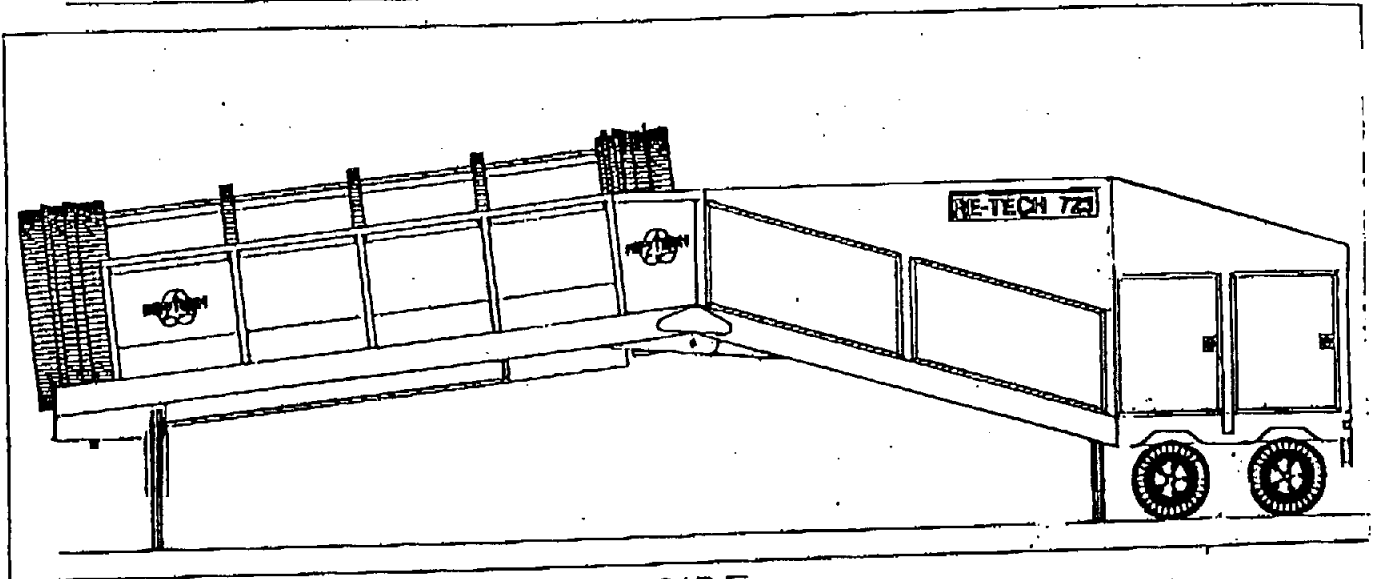


PASSENGER SIDE



DRIVER SIDE

# EQUIPMENT FAMILIARIZATION



DRIVER SIDE

The front side of the machine is the discharge end for the oversize material.

The fifth wheel pin, trailer lighting receptacle and air brakes connections are accessed on the front drivers side.

Two (2) hydraulic landing gear are located at the front of the machine, mounted to pivoting outriggers.

The outriggers swing outward 90 degrees from the machine and provide stability during operation.

Controls for the hydraulic outriggers are found on the main control panel under the infeed conveyor.

The rear of the trommel consists of the engine compartment.

This compartment contains the following:

- \* 125 HP electric motor with control panel.

- \* Hydraulic pumps, electric heat exchanger and reservoir, hydraulic auxiliary manifold valve and hydraulic filters.

- \* 65 gallon diesel fuel tank

Six (6) hinged and lockable doors make up the engine compartment. The heavy wire screen doors allow consistent air flow without sacrificing security. During screening operation, the doors remain closed.

The rear hydraulically operated landing gear provide additional support and stability.

Mud flaps are mounted onto the fenders.

Trailer lighting and reflective tape are permanently attached as per NHTSA (National Highway and Traffic Safety Admin.)

# IMPORTANT

This manual contains important information about the safe operation, maintenance, and transportation of your RE-TECH PORTABLE PICKING CONVEYOR. It is important that all persons using this machine read and completely understand the contents of this manual and follow all of the instructions provided to insure that a safe, efficient operation is conducted. Additionally, the BRIGGS & STRATTON engine operators handbook supplied with your machine should be read and understood completely by each person prior to using the machine. These manuals should be kept in a safe location and be readily available to the operator.

Certain safety labels have been affixed to the machine and should not be removed.

Contact your dealer immediately if you have any questions regarding your RE-TECH PICKING CONVEYOR.

## NOTE

The material in this manual is for informational purposes only and is subject to change without notice. RE-TECH, Inc., assumes no responsibility for any errors or for consequential damages that may result from errors, omissions or use or misinterpretation of any of the procedures in this publication.

# **INTRODUCTION**

## **RE-TECH PORTABLE PICKING CONVEYOR**

### **PICKING STATION DIMENSIONS**

The RE-TECH PICKING STATION consists of a 60"x 35' slider bed picking area with a fold out incline conveyor. The unit can be fed by an excavator or fed from the discharge end of an RE-TECH Trommel Screen.

TRANSPORT HEIGHT: 13'

TRANSPORT LENGTH: 49' 6-1/2"

OPERATION HEIGHT: 11'

OPERATION LENGTH: 64' 4"

GROSS WEIGHT: 29,140 lb.

AXLE WEIGHT (both axles): 18640 lb.

AXLE WEIGHT (per axle): 9320LB.

### **POWER SOURCE:**

1. BRIGGS & STRATTON 20  
hp gasoline powered  
engine.  
or

2. RE-TECH TROMMEL  
SCREEN

FUEL TANK: 12 gallon

HYDRAULIC RESERVOIR: 30 gallon

FRAME: Main frame consists of I-beam and channel frame construction with open floor grating catwalks.

LEGS: Legs are constructed of structural tubing with cross bracing for stability.

### **INCLINE CONVEYOR:**

The incline conveyor is equipped with a hopper designed to accept material from an RE-TECH Trommel Screen or independently using an excavator.

The hopper is hinged and is folded inward for transport. The hopper area is designed with five (5) 5" CEMA "C" impact idlers.

The incline conveyor frame is hinged and is hydraulically folded for transport.

### **PICKING AREA**

The picking area consists of a 60" wide x 35' long sorting table with 36" bar grating catwalks, handrails, and stairways on both sides.

The unit has four (4) hydraulic lift cylinders that raise the machine to a height that will allow for the positioning of roll-a way containers.

The picking station has three (3) 18" x 48" chutes per side for material discharge. Each work station has an emergency stop pull switch that will stop the belt motion in the event of an emergency.

The picking area is constructed of a unitized slider bed with sloping sides to allow easy debris removal from both sides.

# **INTRODUCTION**

## **HYDRAULIC HOSES AND FITTINGS**

Parker ORFS fittings are used to meet environmentally safe standards. These fittings utilize Parker's O-ring face seal connection. This system creates a positive seal using the latest technology in hydraulic fittings to greatly reduce the chance of hydraulic oil spills.

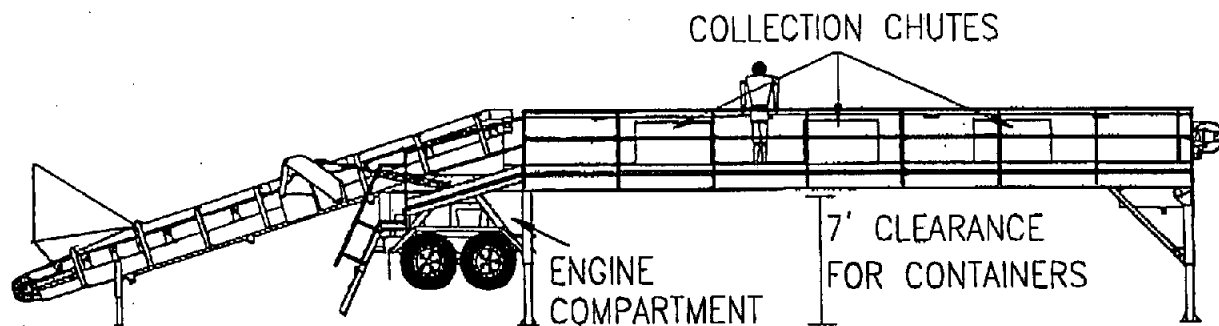
## **BELTING**

2 ply PVC-COS (coated one side) belt  
with 187 fasteners.



# EQUIPMENT FAMILIARIZATION

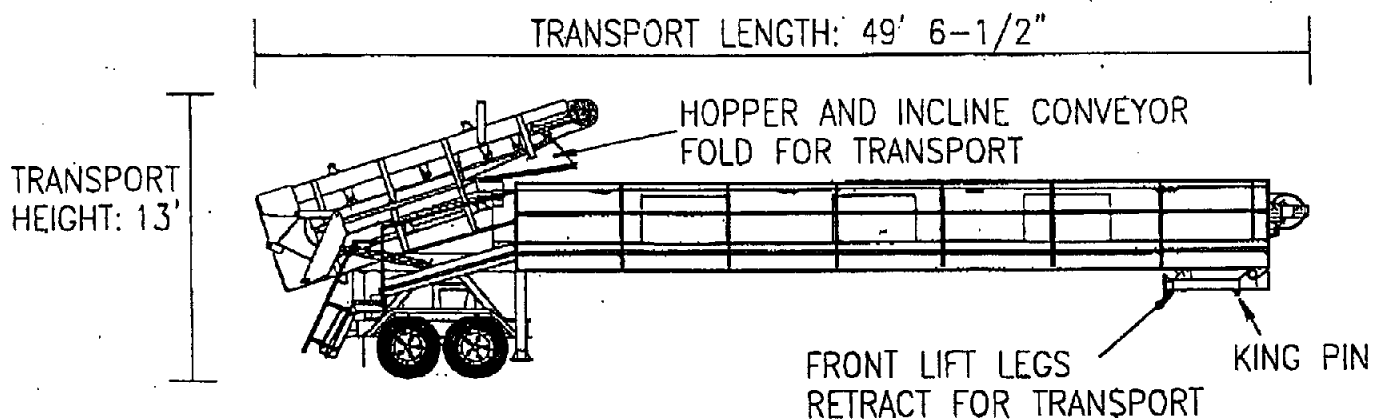
## OPERATING POSITION



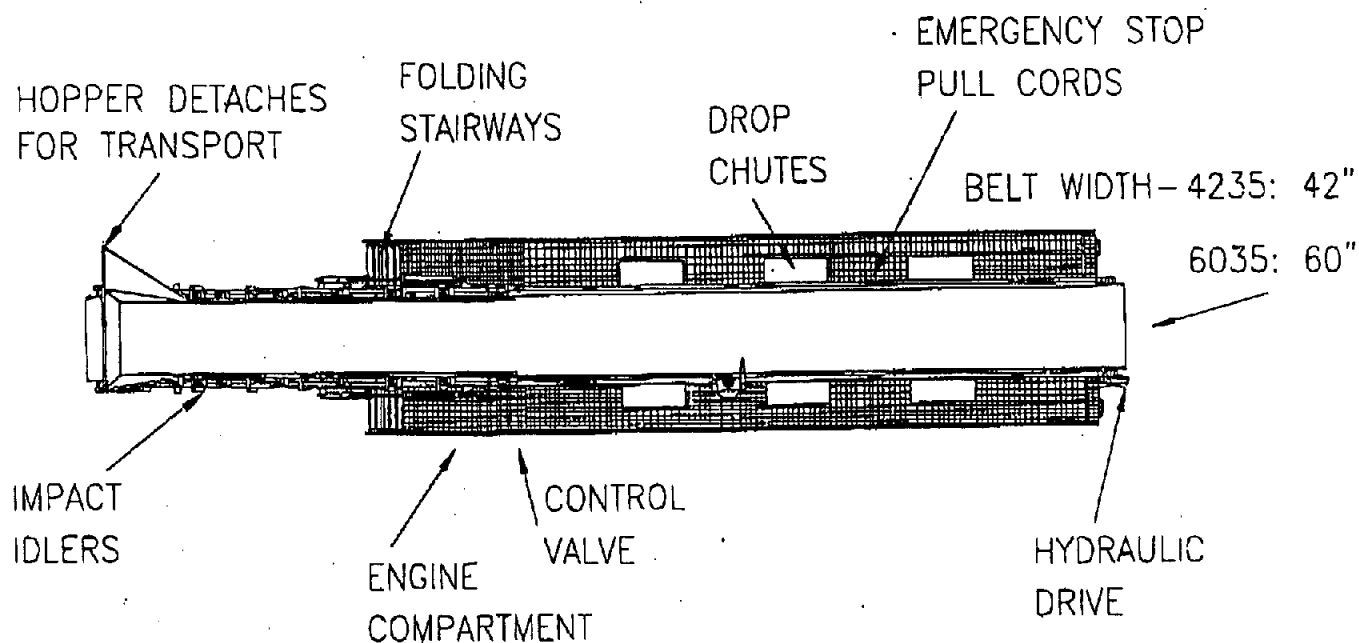
This manual refers to the front, rear, passenger and driver side of the PORTABLE PICKING CONVEYOR from the orientation of connection to an over the road fifth wheel tractor.

The following illustrations identify major components of these areas.

## TRANSPORT POSITION



# EQUIPMENT FAMILIARIZATION



OPERATING POSITION

# RECORD OF TELEPHONE COMMUNICATION

DATE: 9/29/00 TIME: 11:00 PROJECT NO.: 99-202.09  
PROJECT NAME: Taft Recycling, Inc.  
South Orlando Transfer Station  
PARTY CALLING: Valerie Collins COMPANY: HAI  
PARTY CONTACTED: Janet Donnelly PHONE NO.: (561) 686-8800  
PARTY TITLE: Water Use Permitting COMPANY: SFWMD  
SUBJECT: Well Survey for Taft site

## TELEPHONE COMMUNICATION SUMMARY (Including Decisions & Commitments)

- ① Requested: List of permitted water supply wells  
in Sections 2 and 11, Township 24S, Range 29E.

Answer: Based on GIS database, there are no  
permitted water supply wells in the search area

- ② Requested: Does the SFWMD have a computer  
database of well construction permits

Answer: No

CC: \_\_\_\_\_

**HARTMAN & ASSOCIATES, INC.**

engineers, hydrogeologists, surveyors & management consultants

Before the undersigned authority personally appeared Linda Bridgewater, who on oath says that he/she is the Legal Advertising Representative of The Orlando Sentinel, a daily newspaper published at ORLANDO in ORANGE County, Florida; that the attached copy of advertisement, being a STATE OF FLORIDA D in the matter of TAFT RECYCLING in the ORANGE Court, was published in said newspaper in the issue; of 09/02/00

Affiant further says that the said Orlando Sentinel is a newspaper published at ORLANDO, in said ORANGE County, Florida, and that the said newspaper has heretofore been continuously published in said ORANGE County, Florida, each Week Day and has been entered as second-class mail matter at the post office in ORLANDO, in said ORANGE 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/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

The foregoing instrument was acknowledged before me this 1st day of Sept, 2000 by Arinda Rodriguez, who is personally known to me and who did take an oath.

(SEAL)



BEVERLY C. SIMMONS  
My Comm Exp. 3/10/2001  
Bonded By Service Ins  
No. CC619266  
[ ] Personally Known [ ] Other [ ] D

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF APPLICATION**

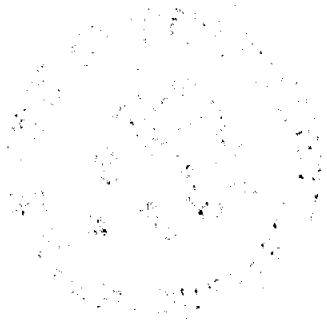
The Department announces receipt of an application for permit from **1661 Macquie, Inc./ Joe Macquie, Sr.,** of **Mobile, Alabama**, for the construction of a **101 ton per day** **water treatment plant** proposed to be located at **1661 Macquie, Mobile, Alabama**.

**375** **Section**  
**Fla.** **South,**  
**Circuit** **16th**

This **pro-**  
posed **pre-**  
licen- **limi-**  
business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection, 3515 Maguire Boulevard, Suite 232, Orlando, FL 32803-3767, telephone 407/893-3328. Any comments or objections should be filed in writing with the Department at this address. Comments or objections should be submitted as soon as possible to ensure that there is adequate time for them to be considered in the Department decision on the application.

**COF3504426** **SEPT. 7, 2000**





# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

PRINCIPALS:

James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Gerald C. Hartman, P.E.  
Mark J. Luke, P.S.M.  
Mark A. Rynning, P.E.  
Harold E. Schmidt, Jr. P.E.  
William D. Musser, P.E.

SENIOR ASSOCIATES:

C. Zachary Fuller, P.E.  
Marco H. Rocca, C.M.C.

ASSOCIATES:

J. Richard Voorhees, P.E.  
Douglas P. Dufresne, P.G.  
Roderick K. Cashe, P.E.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
Alicia E. Oller, M.S.  
Andrew T. Woodcock, P.E.  
Lawrence E. Jenkins, P.S.M.  
Daryl C. Walk, P.E.  
Grant C. Malchow, M.B.A.  
John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.

REGIONAL MANAGERS

Mark A. Gabriel, P.E.

September 25, 2000

99-202.07

**Via Certified Mail**

Ms. Vivian F. Garfein  
Department Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, FL 32803-3767

**Subject: Proof of Publication  
South Orlando Transfer Station  
Taft Recycling, Inc.  
Application Nos. SC48-0173968-001 and SO48-173968-002**

Dear Ms. Garfein:

Attached is the proof of publication for the Taft Recycling Facility Notice of Application. The notice for the South Orlando Transfer Station was printed in the legal ad section of The Orlando Sentinel on September 7, 2000.

If you have any questions, please give me a call.

Very truly yours,

Hartman & Associates, Inc.



Valerie S. Collins  
Project Hydrogeologist

JEG/sas/99-202.07/corresp/Garfein.vsc

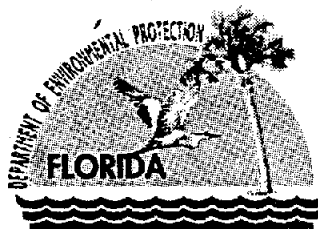
Attachment

cc: Joe Briarton, Taft Recycling, Inc.  
James E. Golden, P.G., HAI



201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790 • www.consulthai.com

ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Scrubs  
Secretary

CERTIFIED

7099 3400 0010 5336 3746

Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

OCD-SW-00-0413

Orange County - SW  
South Orlando Materials Recovery Facility-MRF  
Permit Application No. SC48-0173968-001 & SO48-0173968-002

Dear Mr. Briarton:

This is to acknowledge receipt of your application for the subject facility. The status of your application is as follows:

- (X) Your application for permit received on August 23, 2000 is incomplete. Please provide the information listed on the attached sheet promptly. Evaluation of your application will be delayed until all the requested information has been received.
- () The additional information received on \_\_\_\_\_ was reviewed, however, the items listed on the attached memo remain incomplete. Evaluation of your application will continue to be delayed until we receive all requested information.

Pursuant to Section 120.60(2), Florida Statutes, the Department may deny an application, if the applicant, after receiving timely notice, fails to correct errors, omissions or supply additional information within a reasonable period of time. Please submit three copies of the requested information to the Department and reference the above application permit-number in your correspondence.

If you have any questions, please contact me at (407) 893-3328.

Sincerely,

James N. Bradner, P.E.  
Program Manager  
Solid Waste

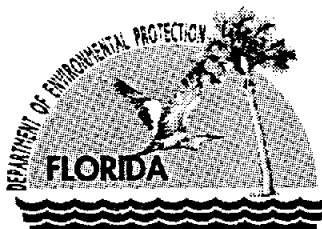
Date: 9/14/2000

JNB/gc/ew  
Enclosure

cc: James E. Golden, P.G. - Hartman & Associates, Inc.  
Roderick K. Cashe, P.E. - Hartman & Associates, Inc.

1. Submit proof of publication in a newspaper of general circulation of Notice of Application for a permit to construct and operate a materials recovery facility as requested in Florida Department of Environmental Protection letter OCD-SW-00-0398 dated August 29, 2000.
2. Provide information to indicate that the proposed construction and operation of the materials recovery facility is not in violation of the prohibitions of Rule 62-701.300, F.A.C.
3. Appendix I in the report indicates that notice was sent to Orlando International Airport and Florida Department of Transportation regarding airport safety requirements. The evidence of notification to Orlando International Airport and Florida Department of Transportation is missing in the report. Submit copies of notification sent to Orlando International Airport and Florida Department of Transportation.
4. Appendix I on Airport Safety describes the site as an existing recycling facility. Provide information as to whether the site is a Department permitted recycling facility. Also, indicate what materials were recycled and the year the facility started recycling.
5. Provide information as to whether the storage, sorting and processing areas including the tipping floor for the materials recovery facility are in an enclosed area and under a roof.
6. Appendix C - Facilities Operation Flow Chart shows reject C&D waste is disposed at C&D landfill and reject class III material is disposed at Class III landfill. Please note that if the C&D waste is from a mixed load of C&D and Class III, then the C&D waste has to be disposed in a Class III landfill. Please comment.
7. Page 3-3, Attachment A, Sec. 3.6 indicates that Class III and C&D wastes will be deposited onto a concrete tipping pad to prevent waste contact with the ground and to assist leachate containment. Provide information as to how leachate containment is achieved.
8. Page 2-2, Sec. 2.5 of the report indicates that the recycling process does not involve the use of water and so no leachate collection system is proposed. Provide information on the disposal of wash water from the tipping floor and processing area.
9. The boundary survey submitted in Attachment D was not signed and sealed by a Florida registered land surveyor. Please submit the same, signed and sealed by a land surveyor registered in the State of Florida.
10. Financial responsibility arrangements for the facility are to be made with the Florida Department of Environmental Protection, Financial Coordinator - Solid Waste Section, 2600 Blair Stone Road, MS-4565, Tallahassee, Florida 32300-2400, with a copy to the Department of Environmental Protection - Solid Waste Section, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803.





# Department of Environmental Protection

Jeb Bush  
Governor

Mr. Joe Briarton  
Taft Recycling, Inc.  
1099 Miller Drive  
Altamonte Springs, Florida 32701

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
OCD-SW-00-0398

David B. Struhs  
Secretary

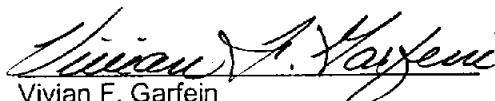
Orange County - SW  
South Orlando Materials Recovery Facility - MRF  
Notice of Permit Application  
Permit Application Nos. SC48-0173968-001 & SO48-0173968-002

Dear Mr. Briarton:

Under section 403.815 of the Florida Statutes and rule 62-103.150 of the Florida Administrative Code, you (the applicant) are required to publish at your own expense the enclosed Notice of Application. The notice must be published one time only within 14 days of receipt of this letter, or if your application is not yet complete, within 14 days of submittal of a complete application. The notice must be published in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of section 50.011 and 50.031 of the Florida Statutes in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used should be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the undersigned at the address or telephone number listed below.

The applicant must provide proof of publication to the Department, at the Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803-3767, telephone 407/893-3328, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Sincerely,

  
Vivian F. Garfein  
Director of District Management  
Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
Telephone: 407/894-7555

Date: August 29, 2006

  
VFG/gciew

Enclosure

cc: James E. Golden, P.E. - Hartman & Associates, Inc.  
Roderick K. Cashe, P.E. - Hartman & Associates, Inc.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF APPLICATION

The Department announces receipt of an application for permit from Taft Recycling, Inc./Joe Briarton, 1099 Miller Drive, Altamonte Springs, FL 32701 to construct and operate a Materials Recovery Facility. This proposed project will be located at 375 - 7th Street, Taft, in Section 2, Township 24 South, Range 29 East, in Orange 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, 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803-3767, telephone 407/893-3328. Any comments or objections should be filed in writing with the Department at this address. Comments or objections should be submitted as soon as possible to ensure that there is adequate time for them to be considered in the Department decision on the application.

# HARMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

201 EAST PINE STREET • SUITE 1000 • ORLANDO, FL 32801  
TELEPHONE (407) 839-3955 • FAX (407) 839-3790

## LETTER OF TRANSMITTAL

TO FDEP-Solid Waste  
3319 Maguire Blvd, Suite 232  
Orlando, FL 32803

DATE	8/23/00	JOB NO.	99-202.07
ATTENTION	James Bradner		
RE:	South Orlando Transfer Station Class III MRF Permit Application Taft Recycling, Inc.		

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via \_\_\_\_\_ the following items:

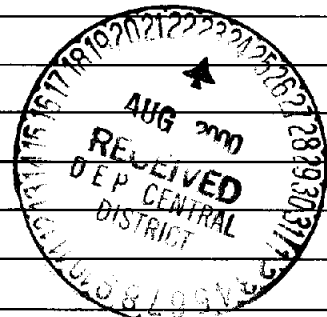
- |   |                                       |  |                                  |   |
|---|---------------------------------------|--|----------------------------------|---|
| <input type="checkbox"/> Shop drawings  | <input type="checkbox"/> Prints       | <input type="checkbox"/> Plans                         | <input type="checkbox"/> Reports | <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input checked="" type="checkbox"/> Permit Application |                                  |   |

COPIES	DATE	NO.	DESCRIPTION
	8/21/00	6	Application for Class III MRF Permit South Orlando Transfer Station
		1	Application Fee (\$4000) for construction/operation permits

THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> For approval  | <input type="checkbox"/> Approved as submitted    | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input type="checkbox"/> For your use  | <input type="checkbox"/> Approved as noted        | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested  | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints        |
| <input checked="" type="checkbox"/> For review and comment   | <input type="checkbox"/> _____                    |   |
| <input type="checkbox"/> FOR BIDS DUE _____ 19 _____ <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |   |   |

REMARKS \_\_\_\_\_



COPY TO

S. WESSON  
MARY JEAN YON  
F. WICK

SIGNED

Valerie S. Ollivier

IF ENCLOSURES ARE NOT AS NOTED, KINDLY NOTIFY US AT ONCE

[illegible]

# HARTMAN & ASSOCIATES, INC.

engineers, hydrogeologists, surveyors & management consultants

## PRINCIPALS:

Gerald C. Hartman, P.E., DEE  
Harold E. Schmidt, Jr., P.E., DEE  
James E. Christopher, P.E.  
Charles W. Drake, P.G.  
Mark A. Rynning, P.E., M.B.A.  
Mark J. Luke, P.S.M.  
William D. Musser, P.E.

## SENIOR ASSOCIATES:

Marco H. Rocca, C.M.C.  
Roderick K. Cashe, P.E.  
Lawrence F. Jenkins, P.S.M.

## ASSOCIATES:

Douglas P. Dufresne, P.G.  
Jon D. Fox, P.E.  
James E. Golden, P.G.  
Troy E. Layton, P.E.  
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John P. Toomey, P.E.  
W. Thomas Roberts, III, P.E.  
Michael B. Bomar, P.E.  
Mark A. Gabriel, P.E.  
George S. Flint, M.P.A.  
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L. Todd Shaw, P.E.  
Rafael A. Terrero, P.E., DEE  
Jill A. Manning, P.E.  
Daniel M. Nelson, P.E.  
Valerie C. Davis, P.G.  
Brian S. Fields, P.E.

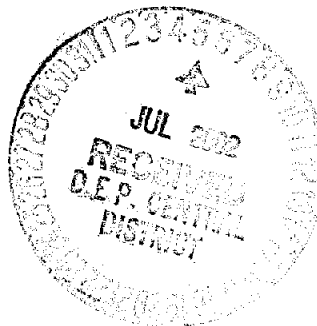
July 3, 2002

HAI #99.0202.007

File 12.0

Ms. Gloria DePradine  
Compliance & Enforcement Supervisor  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803

**Subject: Warning Letter OWL-SW-02-0008**  
**South Orlando Materials Recovery Facility**  
**Orange County, Florida**  
**FDEP Permit No. SO48-0173968-002**



Dear Ms. DePradine:

On behalf of Taft Recycling, Inc. (Taft), Hartman & Associates, Inc. (HAI) is submitting responses to warning letter OWL-SW-02-0008. The potential violations are stated first with our responses following.

**Potential Violation 1:** Failure to prevent discharge of leachate and mixing with stormwater.

**Response:** Storing waste outside of the building is not part of the Taft's standard operations. On the dates specified in the warning letter, the amount of waste to be received was underestimated and resulted in waste stored outside the building until it could be processed. Taft recognizes that this constitutes a violation of the solid waste regulations and will no longer store any waste on the ground outside of the processing building. From this point on, if the processing building has reached full capacity for waste storage, collection vehicles entering the site will be directed to another processing or disposal facility permitted to receive Class III waste.

**Potential Violation 2:** Improper handling of unauthorized waste.

**Response:** All unauthorized wastes will be removed from the site for proper disposal within 30 days.

**Potential Violation 3:** Objectionable odors not controlled at site.

**Response:** Putrescible waste inadvertently accepted at the site will be separated from the waste stream during the sorting operations and will be stored in either a roll-off container inside the building or in one of the storage bays inside the building to prevent leachate generation. Additionally, any putrescible wastes observed will be removed from the facility for proper disposal within 48 hours to prevent odors and vectors. If these measures do not prevent the generation of odor, additional measures will be considered such as the use of odor masking agents.

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ORLANDO FORT MYERS PLANTATION JACKSONVILLE DESTIN

**Potential Violation 4: Financial assurance not adequate.**

**Response:** The required financial assurance cost estimate update was hand delivered to the Department on February 28, 2002. An increase rider to the current bond that corresponds to the recently approved inflation adjusted cost estimate has been submitted to the Solid Waste Financial Coordinator at the FDEP Tallahassee office. A copy will be forwarded to the Solid Waste Section at the Orlando office in the next few days.

HAI is also responding to the additional issues discussed during your June 20, 2002 meeting with Taft. These included storage of recycled materials on the ground, weekly washing of the tipping floor and storage of Recovered Screened Materials (RSM). It was also requested that a copy of the most recent stormwater plans be submitted to the Solid Waste Section.

Normal operations include storage of recyclable materials that have been removed from the waste stream in designated locations such as roll-off containers, but there are occasions when operations may necessitate temporary storage of these materials on the ground outside the building. Since these materials are now considered products, this does not violate the solid waste regulations, as leachate is not generated. However, Taft will make an effort to minimize the time that these materials are stored outside of the designated locations.

The Taft facility was not designed or constructed to accommodate washing the tipping floor with water, as requested. However, in order to comply with the Department's request, Taft agrees to clean the floor weekly by sweeping all open areas of the tipping floor and disposing of the sweepings in the rejected waste container.


Samples of the RSM stored at the site are being collected in accordance with FDEP protocol. HAI expects to submit analytical results to the Department within 30 days.

As requested, HAI is providing a copy of the most recent stormwater plans for the Solid Waste Section's files.

We trust that these responses will resolve the Department's concerns. Please call us if you have any questions.

Very truly yours,

**Hartman & Associates, Inc.**

  
Jennifer L. Deal, E.I.  
Engineer

JLD/JEG/sas/corresp/99.0202.007/Depradine-1.jld

**Attachment**

cc: George Ward, Taft Recycling, Inc.  
Brent Fifer, Taft Recycling, Inc., Indiana

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central District

Meeting Documentation

COUNTY: Orange TYPE: Solid Waste  
CASE NAME: South Orlando Recycling (Taft Recycling)

DATE OF MEETING: June 20, 2002 TIME: 9:30p.m.

ENFORCEMENT X COMPLIANCE    PERMITTING    OTHER:   

MEETING REQUESTED BY: DEP – Solid Waste Section

ATTENDANCE LIST ATTACHED: X

**OBJECTIVE(S) OF MEETING:**

To discuss non-compliance issues that were addressed in the Warning Letter issued by the Department.

**DISCUSSION:**

Mr. Bradner began the meeting with a discussion of the violations. The first was the inadequate financial assurance.

Mr. Feifer stated that he was not aware that the financial assurance was still not in compliance. He would talk to his consultant and the bank and let DEP know what measures he will take to complete it. Mr. Feifer was also given Mr. Frank Hornbrook, of DEP Financial, as a contact person for any questions about what is needed.

The odor violation was discussed with Mr. Feifer. A possible source could be the reject roll-off container, which does not have a cover. Also, it was recommended that the concrete pad be cleaned weekly as a preventative measure. Mr. Feifer explained that this would be a problem because the leachate floor drains drain to a tank, which is not big enough to accumulate water from a wash-down job. He will consider other options.

The violation of creating and not managing leachate was discussed. This was noted during a routine inspection on April 3, 2002. Waste was being dumped outside the building, while it was raining. Mr. Feifer stated that this is a common occurrence, the waste needs to be spread out and sorted as necessary. Mr. Bradner explained that this practice is only acceptable if the waste does not come in contact with rain, and the waste is not stored outside the roofing structure (it must be pushed into the building as soon as possible). If this is there standard method of practice, then the operations manual must reflect this.

The next violation which was discussed was the recovered screen material that was stock piled on the site. Mr. Feifer stated that it had been stock piled for five months, but has been removed

since. The facility has purchased another screener/trommel that takes in only C&D debris. The material that is obtained is now being put into a compactor and is sold. There is no longer a stockpile of material.

The RSM is currently being tested. DEP is also mailing the RSM management packet, so that the material is properly tested for the right parameters.

The site plan was discussed, it was indicated that the location of the storm water system had been changed. Mr. Fiefer will submit an updated site plan to DEP.

A copy of the new Waste Processing Rule was given to Mr. Feifer.

**FOLLOW-UP ACTIONS: (If required)**

- Mr. Feifer will submit, in writing, a proposal for the remediation actions that he plans to take at the facility to rectify the violations at hand. This must be submitted within the next two weeks.

Prepared by: Saadia Qureshi

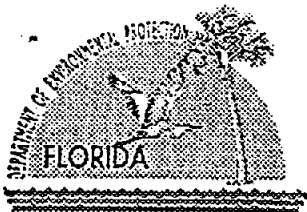
Date: June 30, 2002

Reviewed by: 

Reviewed by: 7/8/2002

↗  
Date: \_\_\_\_\_





# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

## MEETING ATTENDANCE RECORD

Purpose: *South Orlando Recycling Enforcement* Date: *6/20/02*

Name (please print)

Affiliation

*Rick Pickard*

*Taft Recycling*

*Brent Fife*

*TAFT RECYCLING*

*BILL BOSTWICK*

*FDEP.*

*James Bradney*

*FDEP*

*Glenn Jean Detrodie*

*FDEP*

*Saadia Qureshi*

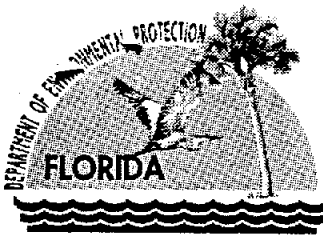
*FDEP*

## MEETING ATTENDANCE RECORD

Continued on reverse side

[illegible]

Date:



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

CERTIFIED MAIL

7099 3400 0010 0742 6046

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

OCD-SW-02-0183

Orange County -SW  
South Orlando Material Recycling - MRF  
Follow-up to Warning Letter OWL-SW-02-0008

Dear Mr. Briarton,

On May 14, 2002, Florida Department of Environmental Protection sent a Warning Letter (OWL-SW-02-008) to the South Orlando Materials Facility. This certified letter (Tracking Number 7099 3400 0010 0742 6114) was received and signed by Ms. Ruth Ernul on May 15, 2002.

The letter requested you to contact the Department within 10 days to schedule a meeting to discuss the potential violations stated in the warning letter. As of June 3, 2002, the Department has not received any form of correspondence from South Orlando Materials Recycling Facility.

Please contact Ms. Saadia Qureshi at 407-893-3328 or Ms. Gloria DePradine 407-893-3994 within five days of receipt of this letter to schedule a meeting. Failure to comply will result in further enforcement action. Your cooperation is appreciated in this matter.

Sincerely,

James N. Bradner, P.E.  
Program Manager  
Solid and Hazardous Waste Section

Date

6/4/2002

JNB/sq

"More Protection, Less Process"

Printed on recycled paper.



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

CERTIFIED

7099 3400 0010 0742 6114

OWL-SW-02-0008

Mr. Joe Briarton  
1099 Miller Drive  
Altamonte Springs, FL 32701

Orange County - SW  
South Orlando Recycling - MRF  
Warning Letter

Dear Mr. Briarton,

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. Field inspections conducted on February 25, 2002 and April 3, 2002 at the property located at 375 7<sup>th</sup> Street, in Orange County, Taft, Florida, indicated that violations of Chapter 403, Florida Statutes, and the rules promulgated thereunder, may exist at the above described location.

The activities observed by the Department personnel are described in the attached Inspection Report. (See Attachment II).

Sections 403.161(1)(b), Florida Statutes, and Chapters 62-4 and 62-701, Florida Administrative Code, provide that no permittee shall fail to comply with any permit issued by the Department.

The activities observed during the Department's field inspection or any other activities at your facility that may be contributing to violations of the above described statutes or rules, should be ceased.

You are requested to contact Ms. Gloria DePradine or Ms. Saadia Qureshi of this office at (407) 893-3328, within 10 days of receipt of this Warning Letter, to arrange a meeting to discuss this matter. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

*"More Protection, Less Process"*

*Printed on recycled paper.*

Please be advised that this Warning Letter is part of an agency investigation preliminary to agency action in accordance with Section 120.57(4), Florida Statutes.

We look forward to your cooperation in completing the investigation and resolution of this matter.

Sincerely,



Vivian F. Garfein  
Director of District Management

Date: May 14, 2002



VFG/sq  
Attachments

## ATTACHMENT I

### List of Potential Violations and Suggested Corrective Actions

1. **Section 403.161(1)(b), Florida Statutes, (F.S.) and Rules 62-701.801(3)(c), Florida Administrative Code, (F.A.C) and Specific Condition 10 and 19 of Operating Permit # SO48-0173968-002.**

**Potential Violation:** Failure to prevent discharge of leachate and mixing with stormwater.

During the December 20, 2001, and April 3, 2002 inspections, the facility was allowing vehicles to dispose/store solid waste outside the roofing structure. As it was raining at the time of the inspection, leachate was being generated and mixed with stormwater and was being discharged to the ground.

**Suggested Corrective Action:** Ensure that no waste is placed outside the building. Provide a plan to prevent this from occurring in the future.

The owner/operator shall schedule a meeting with the Department to discuss the potential violations listed above. It is recommended that your engineer of record be included in this meeting.

2. **Rule 62-701.710(4)(a)(2)**

**Potential Violation:** Improper handling of unauthorized waste.

During the December 20, 2001, February 25, 2002 and April 3, 2002 inspections, Department personnel observed unauthorized waste being stored on the ground. This waste had been there since the facility opened last year. This waste included but was not limited to white goods, pvc piping, soil, asphalt, recovered screen material, etc.

**Suggested Corrective Action:** Properly dispose of unauthorized waste within 30 days. Develop procedures to handle unauthorized waste, which comply with Rule 62-701.710.

3. **Rule 62-701.710(4)(3)(d) and Rule 62-296.320(2) F.A.C. and Specific Condition 11 of Operating Permit #SO48-0173968-002.**

**Potential Violation:** Objectionable odors not controlled at site.

During the April 3, 2002 inspection, Department personnel noted strong putrescible waste odor throughout the site.

**Suggested Corrective Action:** Ensure that operators/spotters are trained properly to removed putrescible waste. Ensure the waste is stored in covered containers and removed from the facility within 48 hours.

4. **Rule 62-701.710(7) and Specific Condition 25 of Operating Permit # SO48-0173968-002.**

**Potential Violation:** Financial assurance not adequate.

**Suggested Corrective Action:** According to Tallahassee Financial Department current financial assurance does not include updated cost estimates. This was due on March 1, 2002. Please provide the proper financial mechanism to meet these requirements.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: South Orlando Recycling (MRF)

WACS No. \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 4/3/02 Permit No.: SC48-0173668 Expiration Date: 2004?

Facility Address: off Recycling Center Blvd. / 375 7th Street

City: Taft County: Orange Zip: \_\_\_\_\_

Permittee or Operating Authority: Florida Recycling

Telephone Number (Permittee or Operating Authority): \_\_\_\_\_

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: Saadia Qureshi, Randall Cunningham (FDEP)

Other Participants: Steve Orr, Jeff Henderson (South Orlando Recycling)

TYPE OF FACILITY (check all that apply):

Landfill: \_\_\_\_\_ C&D Facility: \_\_\_\_\_ Waste Processing Facility: \_\_\_\_\_ Other Facilities: \_\_\_\_\_  
Class I \_\_\_\_\_ Disposal \_\_\_\_\_ Transfer Station \_\_\_\_\_ Composting \_\_\_\_\_  
Class II \_\_\_\_\_ Disposal w/Recycling \_\_\_\_\_ C&D Recycling \_\_\_\_\_ WTE Facility \_\_\_\_\_  
Class III \_\_\_\_\_ Land Clearing \_\_\_\_\_ ☒ Class III MRF \_\_\_\_\_ Incinerator/Trench Burner \_\_\_\_\_  
MSW MRF \_\_\_\_\_ Unauthorized Disposal \_\_\_\_\_  
Pulverizer/Shredder \_\_\_\_\_ Other \_\_\_\_\_  
Compactor/Baling \_\_\_\_\_  
Other \_\_\_\_\_

TYPE OF INSPECTION (check all that apply):

Construction Completion \_\_\_\_\_ Complaint Investigation \_\_\_\_\_ Other \_\_\_\_\_  
☒ Operation ☒ Routine Inspection \_\_\_\_\_  
Closure \_\_\_\_\_ Reinspection \_\_\_\_\_  
Long-Term Care \_\_\_\_\_ Facility File Review \_\_\_\_\_

REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	X			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	X			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	X			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	X			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	X			



I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	X			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)	X			
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	X			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	X			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	X			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	X			
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	X			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	X			
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)	X			
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d) <i>White goods seen</i>		X		
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	X			
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)	X			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)	X			
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)	X			
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				X
22.	Is the facility exempted from the prohibitions because of indoor storage in an areas with an impervious surface and leachate collection system? 62-701.300(14)		X		
24.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)		X		

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
A. CONSTRUCTION VERIFICATION					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)				
12.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)				1
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)				
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)				
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)				
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)				
20.	Load checking program implemented? 62-701.500(6)				
21.	Waste compaction as required? 62-701.500(7)(a)				
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)				
23.	Is a narrow working face practiced? 62-701.500(7)(d)				
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
23.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)	YES	NO	Unk	N/A
C. CLOSURE				
53. Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				↑
54. Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56. All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57. Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58. Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59. If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60. Long term care performed adequately? 62-701.620				
61. Financial assurance adequate? 62-701.630				
62. Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES	YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE				
1. Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)	✓			
2. Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a) <i>wind blown litter noted</i>		✓		
3. Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)	✓			
4. If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				✓
5. Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.		✓		
6. Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.	✓			
7. Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.	✓			
8. Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)			✓	
9. Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)	✓			
10. Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)	✓			
11. Are the operating hours posted at the facility? 62-701.710(4)(c)1.	✓			
12. Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.	✓			
13. Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.	✓			
14. Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.		✓		
15. Is the facility operated to control objectionable odors? 62-701.710(4)(d)		✓		
16. Is adequate fire protection equipment available at all times? 62-701.710(4)(e)	✓			
17. Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)	✓			
18. Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)		✓		
19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)	✓			

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>A. OPERATION AND MAINTENANCE (CONTINUED)</b>					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				✓
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)		✓		
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)	✓			
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				✓
24.	Are all specific conditions in the permit being followed? 62-701.320(1)	✓			
<b>B. CLOSURE</b>					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
<b>A. DISPOSAL</b>					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
<b>B. RECYCLING OPERATION AT A DISPOSAL FACILITY</b> (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				✓
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
<b>C. LAND CLEARING</b>					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)				
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)				
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)				
47.	Is access to the facility properly controlled? 62-701.803(7)				
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)				
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)				
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				<input checked="" type="checkbox"/>
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

## VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

1. Reject waste pile still not removed. Mr. Henderson claims that it is RSM- although too big pieces of waste to be RSM. Two white goods (washer/dryers) were there as well. This pile has been there every inspection since facility's construction.
2. Two large piles of waste were outside the building. Trucks were continuing to dump outside. It was raining throughout the visit. Stormwater mixing w/ leachate.
3. RSM stored in back - move since last visit - stored directly on the ground. Considerable amount noted in back of building. This "RSM" appeared to have large pieces of PVC, metal etc....  
\*\*\* Says it is taken daily as product - request receipts of sales + amount sold. \*\*\*
4. Odor noted, smell similar to Class I / MSW / putrescible waste.
5. Cost estimates updated per Tallahassee → Financial Assurance mechanism needs to be updated

Signed:



DEP Representative

12/13/02  
Date

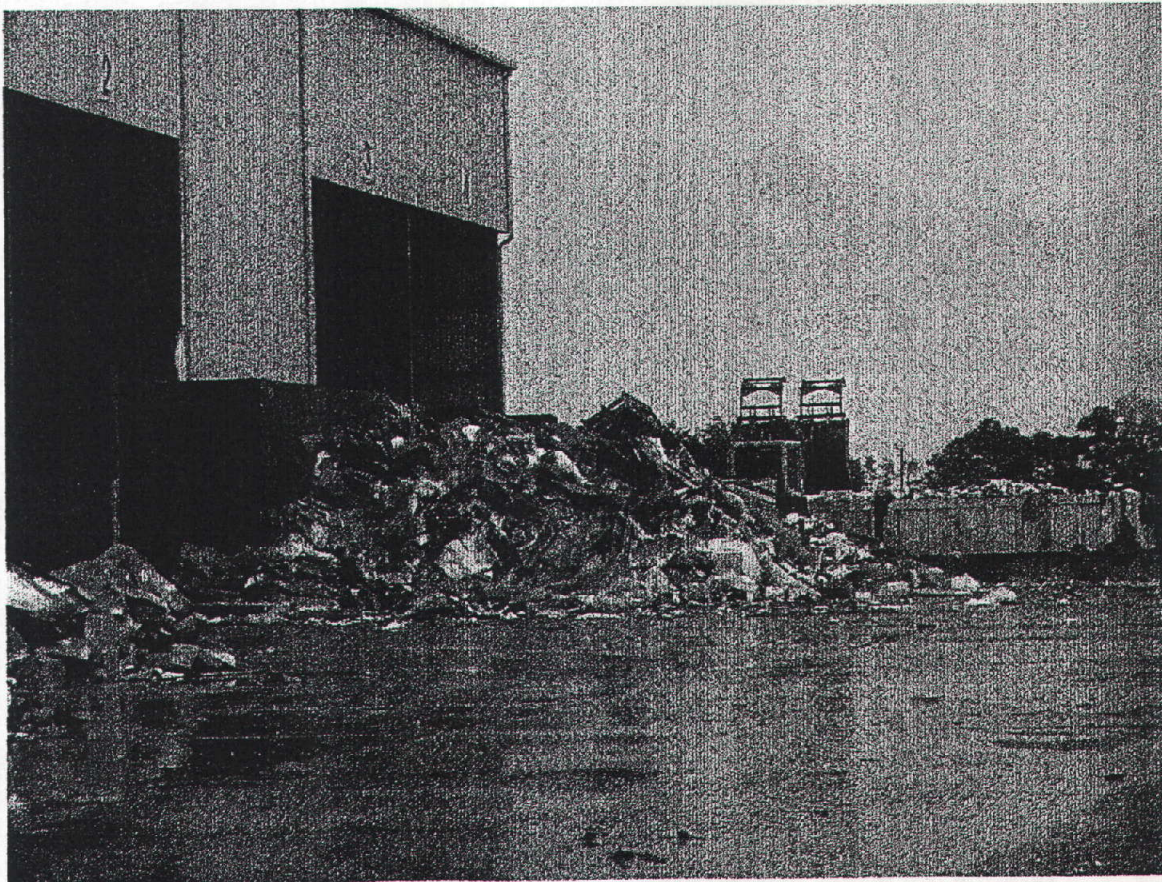
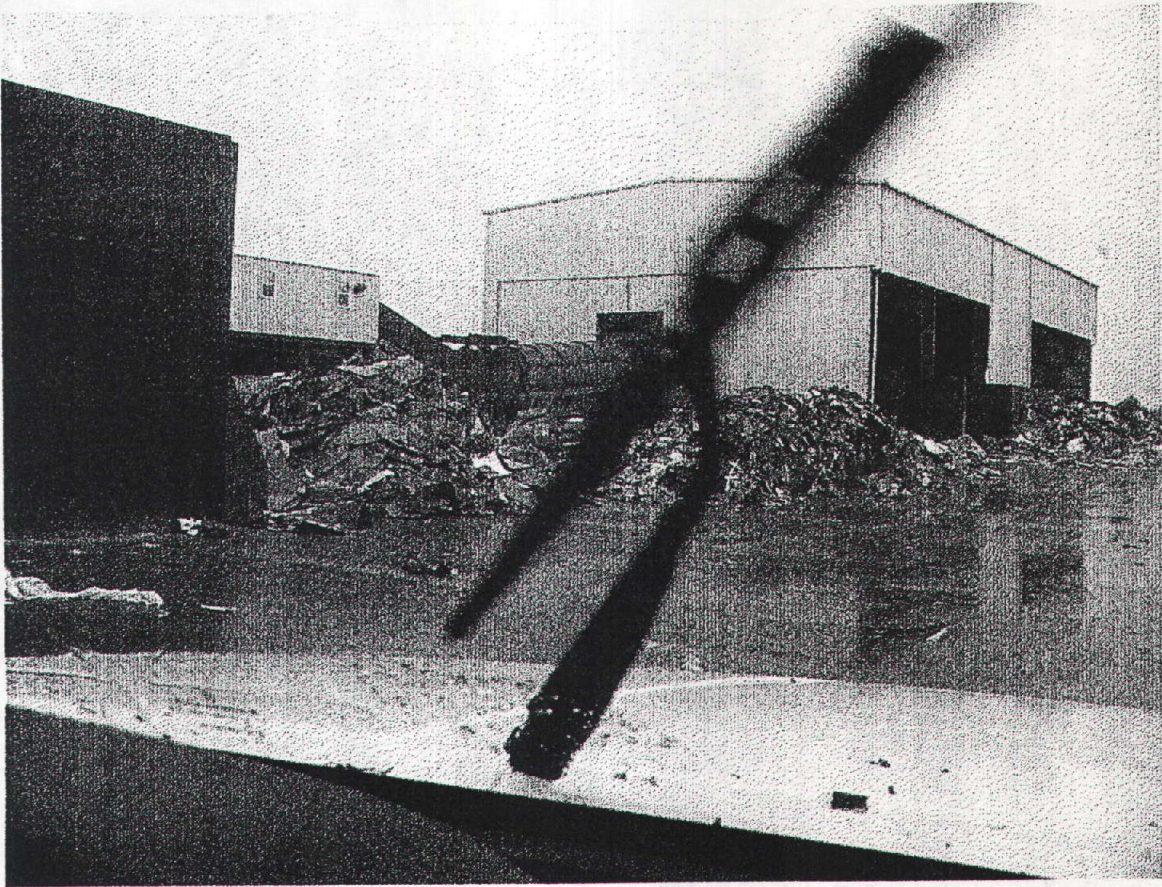
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Site Representative

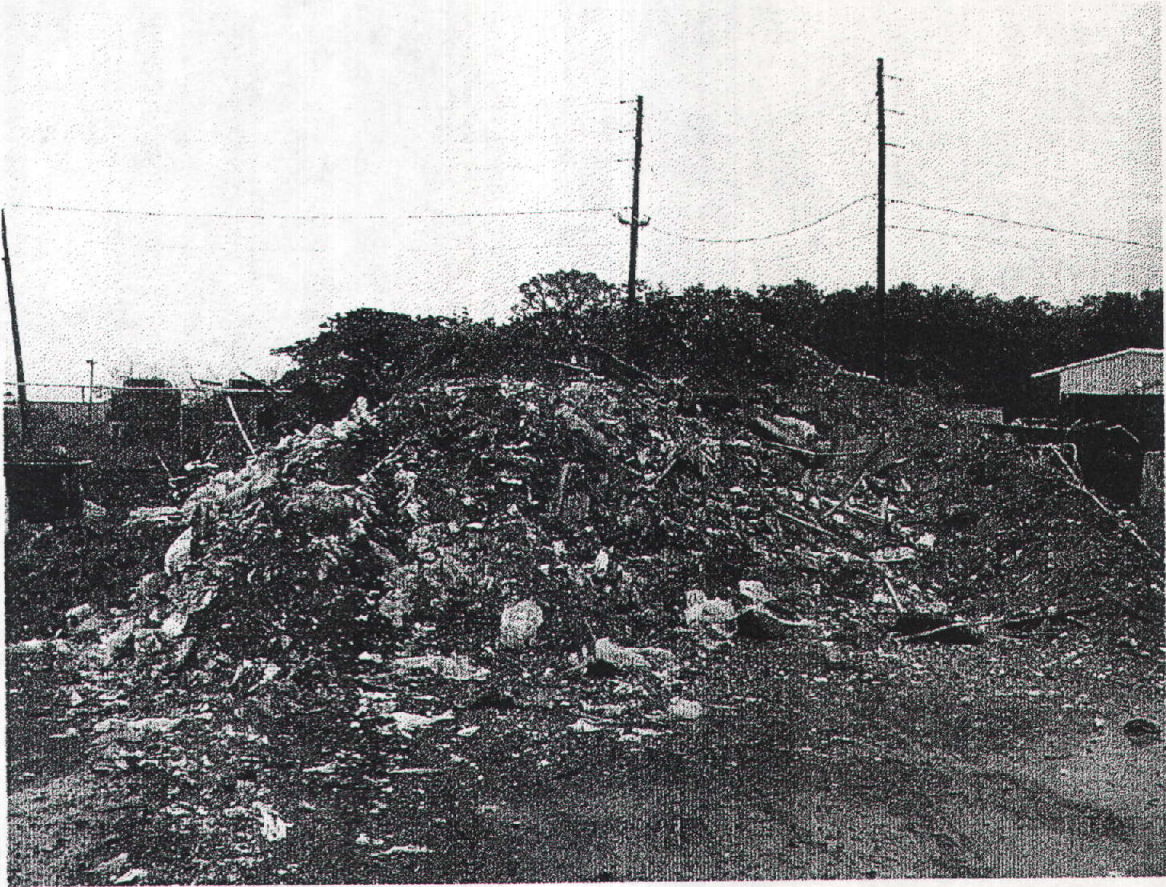
Date



4/3/02  
Inspection



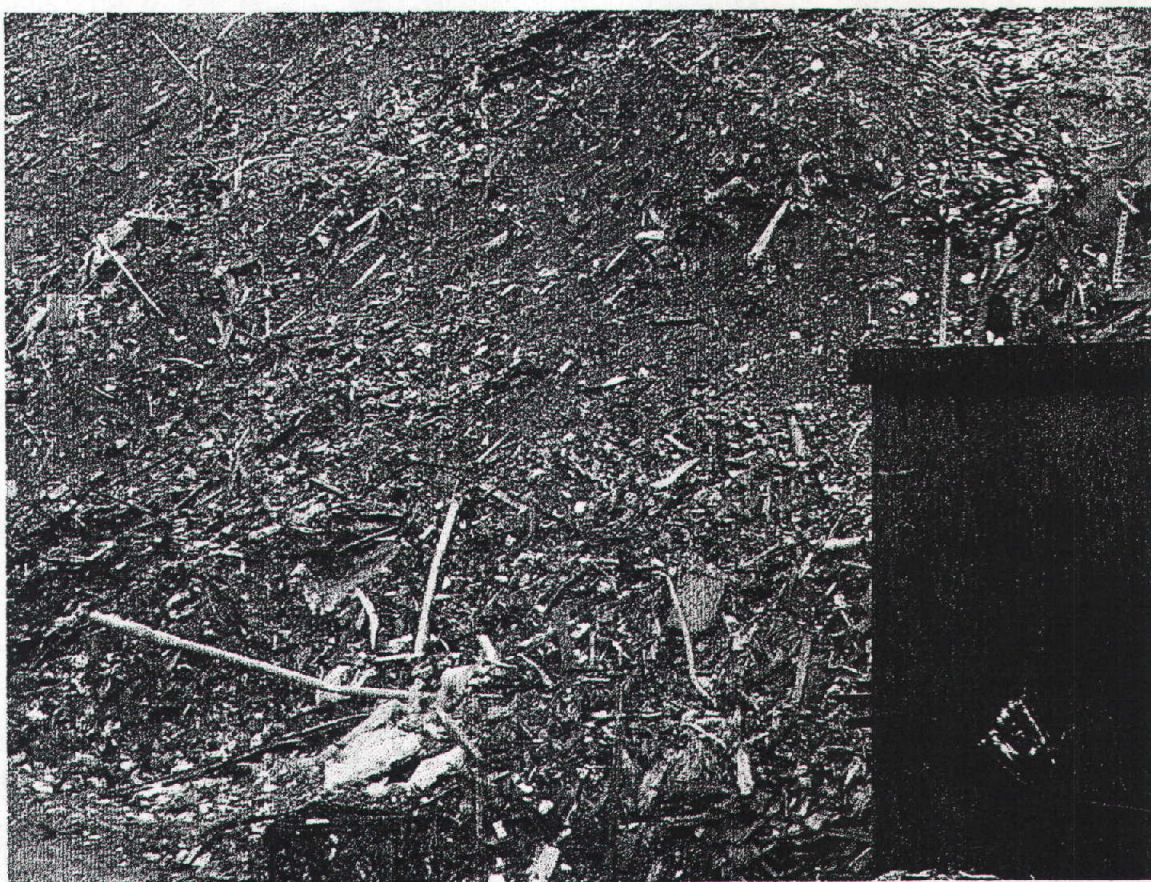














1st Recycling  
South Orlando MRF  
Pictures taken  
2/25/02

