

D.E.P.

MAY 31 1995

COUNTY DISTRICT
TAMPA

RENEWAL

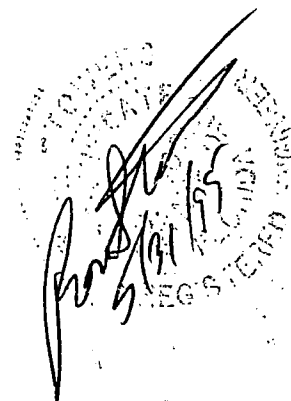
APPLICATION

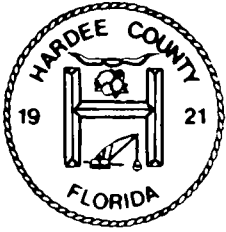
SOLID WASTE RECYCLE CENTER

HARDEE COUNTY

Prepared By
Ronald D. Stowers, P.E.
Hardee County

May, 1995





HARDEE COUNTY
BUILDING AND ZONING DEPARTMENT
413 West Orange Street
Wauchula, FL 33873
(813) 773-3236

File
copy

May 30, 1995

Department of Environmental Protection
Solid Waste Section
Attn.: Bob Butera
3804 Coconut Palm Drive
Tampa, FL 33619-8319

RECEIVED
MAY 31 1995
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Re: Solid Waste Recycling Center
Hardee County, FL
Application for Renewal of Permit SL25-179573

Dear Mr. Butera:

Forwarded for your review and consideration is the Renewal Application Permit for Hardee County Solid Waste Recycling Center. Included are the following:

1. Application for Renewal Permit Parts A, C, D, S and T (3);
2. Permit Fee Check \$100 with letter requesting Permit Fee Reduction (3);
3. As-Built Construction Drawing (3);
4. Aerial Photos of Site (3).

If there are any questions, you may contact me at (941) 773-3236.

Sincerely,

Ronald D. Stowers, P.E.
Building and Zoning Official

RDS/bjh

HARDEE COUNTY
BOARD OF COUNTY COMMISSIONERS
Room A-201, Courthouse Annex
412 West Orange Street
Wauchula, Florida 33873-2867
(813)773-6952 • (813)773-9430 • FAX (813)773-0958

MINOR L. BRYANT
District I

BENNY W. ALBRITTON
District II

TED L. HITE, SR.
District III

E. MILTON LANIER
District IV

WALTER OLLIFF, JR.
District V

GARY ODEN
County Manager

GARY A. VORBECK
County Attorney

May 12, 1995

Department of Environmental Protections
Solid Waste Section
Attention: Bob Butera
3804 Coconut Palm Drive
Tampa, FL 33619-8318

D.E.P.

MAY 31 1995
SOUTHWEST DISTRICT
TAMPA

Re: Permit Fee Reduction

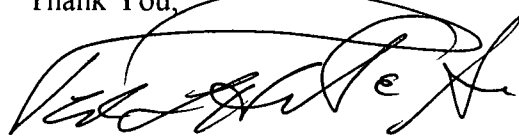
Dear Mr. Butera:

Pursuant to the Florida Law 94-278, Hardee County is requesting a permit fee reduction.

Hardee County is currently at the ten mill ad valorem tax cap. Florida Law states that millage greater than eight mills would justify a permit fee reduction or waiver to be granted on the basis of fiscal hardship. Hardee County certifies that the cost of the permit processing fee is a fiscal hardship due to the fact that ad valorem operating millage is greater than eight mills.

Attached you will find the certification of the county millage by the Hardee County Property Appraisers Office.

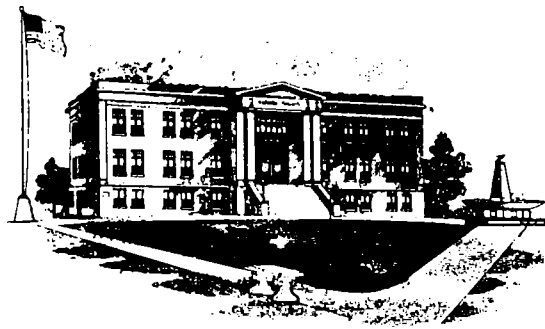
Thank You,



Ted Hite
Hardee County
Board of County Commissioners

TLH/kc

cc: file
Board of County Commissioners
Ron Stowers



D.E.P.

MAY 31 1995

SOUTHWEST DISTRICT
TAMPA

Hardee County

CAROLYN J. COKER
PROPERTY APPRAISER

NOTICE OF CERTIFICATION OF TAX ROLL

Pursuant to Section 193.122 Florida Statutes,
CAROLYN J. COKER, Property Appraiser of HARDEE
County, hereby gives notice that the Tax Roll
for Hardee County was certified to the Tax
Collector on the 6th day of October, 1994 for
the collection of taxes.

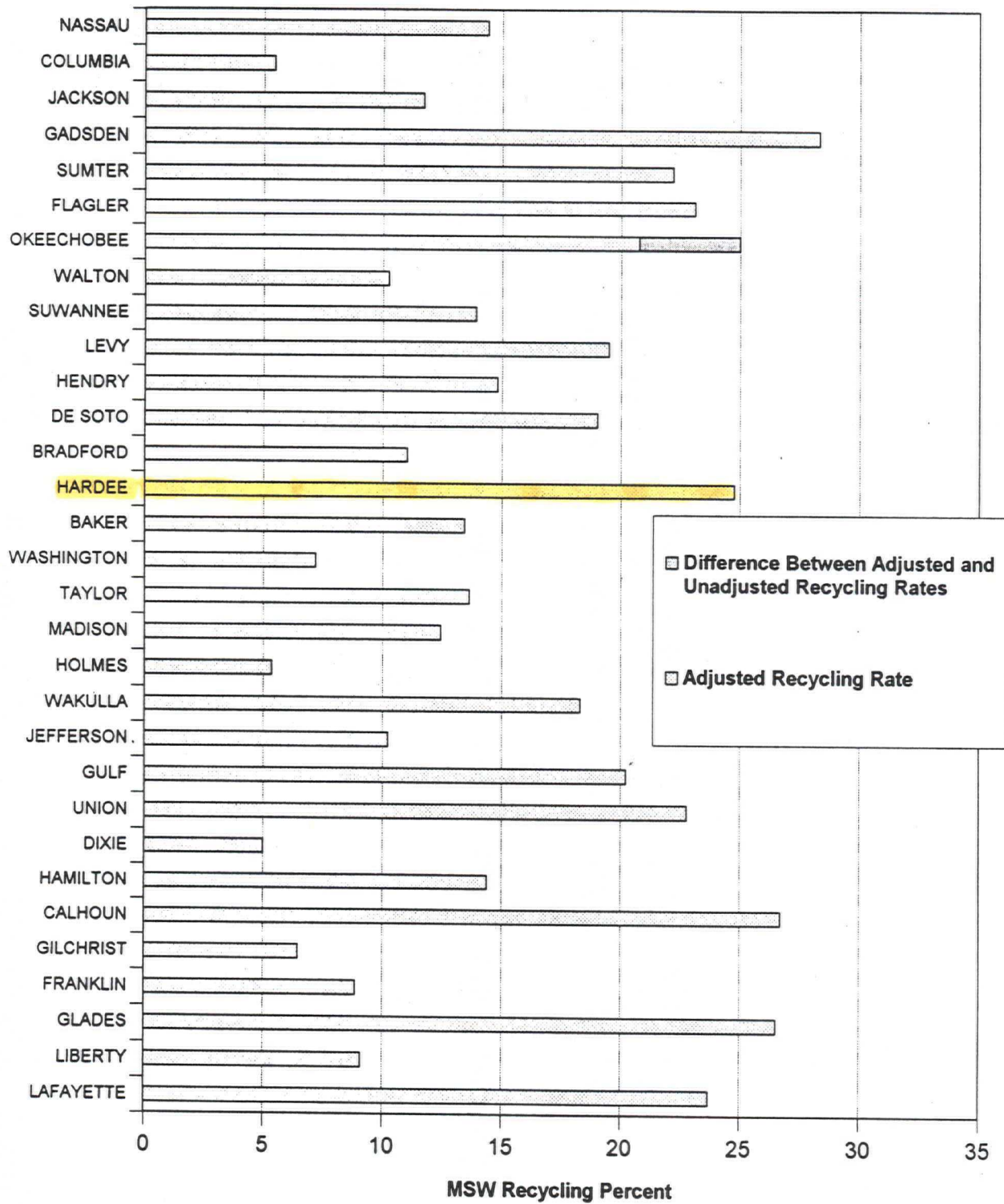
1994 MILLAGE RATES BY TAXING AUTHORITY

TAXING AUTHORITY	MILLAGE RATE
BCC	.0100000
SCHOOL BOARD	
State	.0065090
Local	.0027600
Total	<u>.0092690</u>
WATER MANAGEMENT	
SWFWMD	.0004220
Peace River Basin	.0001950
Total	<u>.0006170</u>
INDIGENT HEALTH CARE	.0007650
BOWLING GREEN	.0047887
WAUCHULA	.0050200
ZOLFO SPRINGS	.0091120

TOTALS FOR PROPERTY OWNERS IN:

Unincorporated County	.0206510
Bowling Green	.0254397
Wauchula	.0256710
Zolfo Springs	.0297630

**Figure 18: Adjusted¹ and Unadjusted² Recycling Rates
By Descending County Populations Under 50,000
(July 1, 1993 - June 30, 1994)**

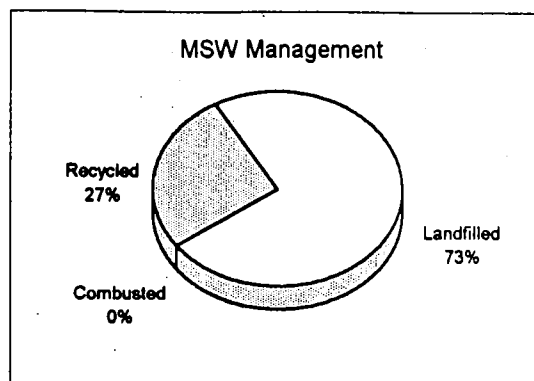


¹ Populations of 50,000 or less must provide its residents with the opportunity to recycle in lieu of the 30 percent adjusted recycling rate goal.

² The unadjusted recycling rate is represented by the total bar length.

Hardee County (July 1, 1992 - June 30, 1993)

1. Population ¹	19,812
2. MSW Management (tons) ²	
A. Landfilled	15,685
B. Combusted	0
C. Recycled	5,685
D. Total	21,350
E. Total Pounds per Capita Per Day ¹	5.90



3. MSW Collected & Recycled

A. Minimum Five Wastes ³	Collected (tons)	Recycled (%)
1. Newspaper	864	11
2. Glass	1,055	9
3. Aluminum Cans	231	37
4. Plastic Bottles	419	3
5. Steel Cans	407	0

B. Special Wastes ⁵	Collected (tons)	Recycled (%)
1. C&D Debris	1,150	0
2. Yard Trash	5,621	87
3. White Goods	116	100
4. Tires	164	100
5. Process Fuel	0	0

C. Other Wastes 11,324 12

D. Total Recycling Rate (%) 27

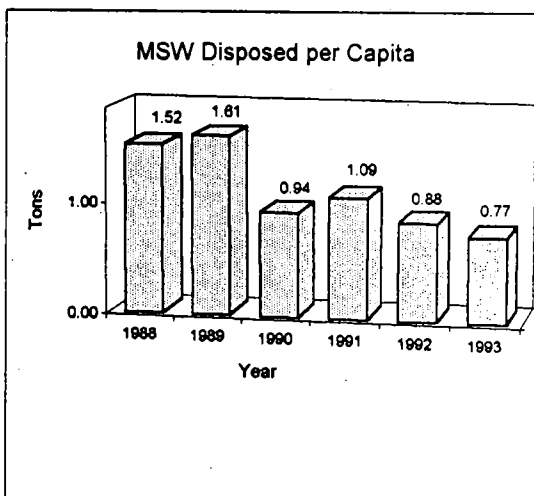
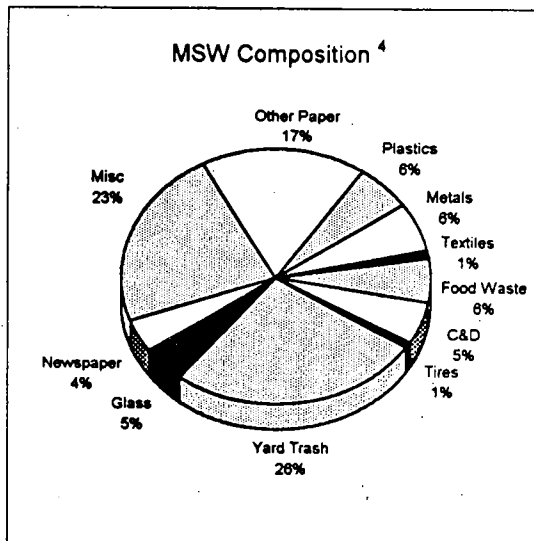
E. Adjusted Recycling Rate (%) ^{5,6} 23

F. Waste Reduction Per Capita (%)

(A negative number indicates an increase in the MSW disposal rate per capita.)

1. Base Year: July 1987-June 1988	50
2. Base Year: July 1988-June 1989	52
3. Base Year: July 1989-June 1990	18

G. Participation in Recycling ⁷	Units	Percent ⁸
1. Multi-family Curbside ⁹	54	9
2. Single-family Curbside	924	9
3. Commercial ¹⁰	61	9



¹ 1991 population used by FDEP to allocate Recycling and Education grants for the 1992-1993 grant cycle.

² From 1993 Recycling and Education grant applications.

³ The Legislature established a goal of 50 percent for each material by the end of 1994 for each county with a population of over 50,000.

⁴ Some materials have been combined: Metals include Aluminum Cans, Steel Cans, Ferrous and Non-ferrous metals, and White Goods; Other Paper includes Corrugated, Office and Other Paper; and Plastics include Plastic Bottles and Other Plastics.

⁵ The total of Special Wastes can count towards no more than one half of the recycling goal for each county.

⁶ The legislature established a goal of 30 percent by the end of 1994 for all counties with a population of over 50,000.

⁷ Participation means availability and usage of recycling services.

⁸ Percentage of total county units (single/multi-family dwellings and commercial establishments) participating in recycling.

⁹ Includes apartments, condominiums and others.

¹⁰ May also include government and institutional.

Hardee County (July 1, 1993 - June 30, 1994)

1. Population ¹ 22,035

2. MSW Management (tons) ²

A. Landfilled	15,385
B. Combusted	0
C. Recycled	5,060
D. Total	20,445
E. Total Pounds per Capita Per Day ¹	5.08

3. MSW Collected & Recycled

A. Minimum Five Wastes ³	Collected (tons)	Recycled (%)
1. Newspaper	836	11
2. Glass	1,000	6
3. Aluminum Cans	547	258
4. Plastic Bottles	345	6
5. Steel Cans	303	5

B. Special Wastes ⁴	Collected (tons)	Recycled (%)
1. C&D Debris	2,720	0
2. Yard Trash	1,482	99
3. White Goods	194	100
4. Tires	146	100
5. Process Fuel	0	0

C. Other Wastes 12,872 22

D. Total Recycling Rate (%) 25

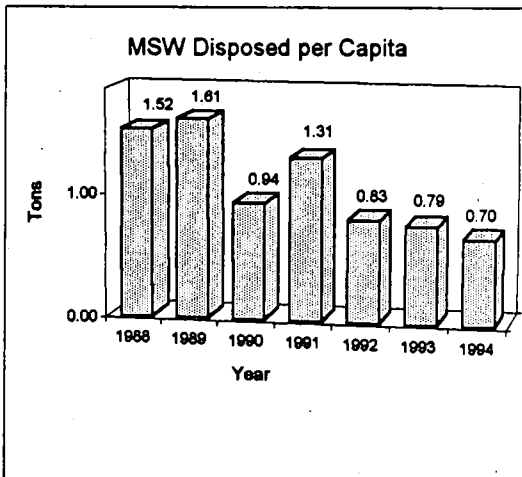
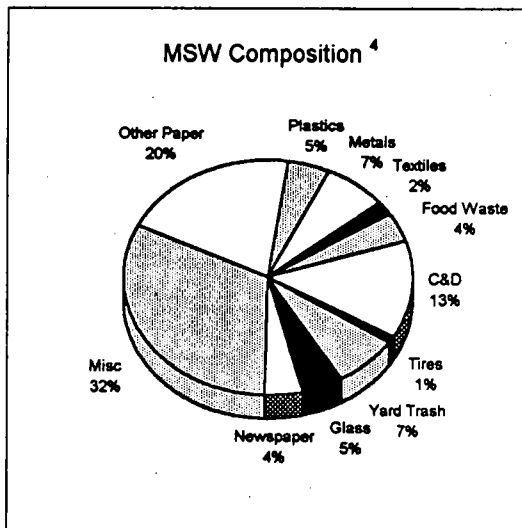
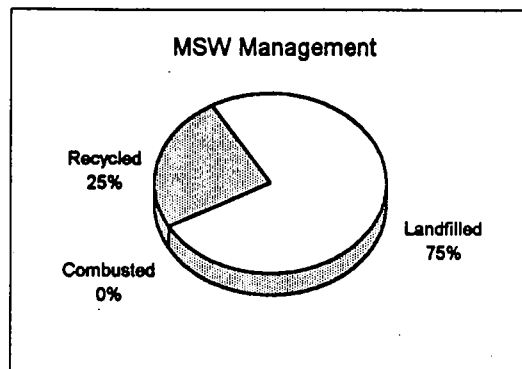
E. Adjusted Recycling Rate (%) ^{5,6} 25

F. Waste Reduction Per Capita (%)

(A negative number indicates an increase in the MSW disposal rate per capita.)

1. Base Year: July 1987-June 1988	54
2. Base Year: July 1988-June 1989	57
3. Base Year: July 1989-June 1990	26
4. Base Year: July 1990-June 1991	47

G. Participation in Recycling ⁷	Units	Percent ⁸
1. Single-family Curbside	9,853	4
2. Multi-family Curbside ⁹	631	3
3. Commercial ¹⁰	596	
a) Scheduled collection		46
b) On call collection		0



¹ Official 1993 Governor's Office estimate.

² From 1993 Recycling and Education grant applications.

³ The Legislature established a goal of 50 percent for each material by the end of 1994 for each county with a population of over 50,000.

⁴ Some materials have been combined: Metals include Aluminum Cans, Steel Cans, Ferrous and Non-ferrous metals, and White Goods; Other Paper includes Corrugated, Office and Other Paper; and Plastics include Plastic Bottles and Other Plastics.

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⁶ The Legislature established a goal of 30 percent by the end of 1994 for all counties with a population of over 50,000.

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⁸ Percentage of total county units (single/multi-family dwellings and commercial establishments) participating in recycling.

⁹ Includes apartments, condominiums and others.

¹⁰ May also include government and institutional.

D.E.P.

MAY 31 1995

SOUTH DISTRICT
TAMPA

RENEWAL

APPLICATION

SOLID WASTE RECYCLE CENTER

HARDEE COUNTY

Prepared By
Ronald D. Stowers, P.E.
Hardee County

May, 1995



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APPLICATION FOR RENEWAL PERMIT TO OPERATE PARTS A, C, and T

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

3. Classification of application:

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

4. Facility name: Hardee County Materials Recovery Facility

5. DEP ID number: SC25-179573 County: Hardee

6. Facility location (main entrance): Airport Road, Wauchula

7. Location coordinates:

Section: 35 Township: 33S Range: 25E

UTMs: Zone _____ km E _____ km N

Latitude: 27 ° 34 ' 00 " Longitude: 81 ° 46 ' 50 "

8. Applicant name (operating authority): Hardee County Board of County Commissioners

Mailing address: 412 West Orange Street, Wauchula, Florida 33873
Street or P.O. Box City State Zip

Contact person: J.R. Prestridge Telephone: (813) 773-5089

Title: S.W. Superintendent/Assistant County Manager

9. Authorized agent/Consultant: Post, Buckley, Schuh & Jernigan, Inc.
Mailing address: 1560 Orange Ave., Suite 700, Winter Park, FL 32789
Street or P.O. Box City State Zip
Contact person: Ed Hilton Telephone: (800) 284-5182
Title: District Solid Waste Manager
10. Landowner(if different than applicant): Same as Applicant
Mailing address: _____
Street or P.O. Box City State Zip
Contact person: _____ Telephone: () _____
11. Cities, towns and areas to be served: City of Wauchula, City of Bowling Green
Town of Zolfo Springs, unincorporated areas of Hardee County
12. Population to be served:
Current: 22,888 Five-Year Projection: 23,111
13. Volume of solid waste to be received: 55.13 ~~xxx/xxx~~ tons/day ~~xxx/xxx~~
14. Date site will be ready to be inspected for completion: 12-07-91
15. Estimated life of facility: 20 years
16. Estimated costs:
Total Construction: \$ 625,000.00 Closing Costs: \$ 712,276.00
17. Anticipated construction starting and completion dates:
From: _____ To: 12-07-91

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:

Comingled recyclables and solid waste is deposited onto a tipping floor of the facility, the waste is ran over a sorting belt where recyclables are removed.

The remaining waste is baled and deposited into a Class I Landfill.

2. Facility site supervisor: J.R. Prestridge
Title: S.W. Superintendent Telephone: (813) 773-5089
3. Disposal area: Total 12 acres; Used 5 acres; Available 7 acres
4. Security to prevent unauthorized use: Yes ☒ No ☐
5. Site located in: Floodplain ☐ Wetlands ☐ Other ☐ n/a
6. Days of operation: Monday through Saturday (6 days per week)
7. Hours of operation: 7:30 a.m. through 5:15 p.m.
8. Number of operating staff: 4 staff 0-10 trustees
9. Expected useful life: 20 Years
10. Weighing scales used: Yes ☒ No ☐
11. Normal processing rate: yd³/day 55.13 tons/day gal/day
12. Maximum processing rate: yd³/day 100 tons/day gal/day
13. Charge for waste received: \$32.00 per ton tipping fee/\$50.00 per household
special assesment
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 checked="" 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>.21</u> Paper	<u>1.23</u> Glass
<u>6.04</u> Ferrous metals	<u>.29</u> Non-ferrous metals
<u>.27</u> Aluminum	<u>40</u> Plastics
<u>3.79</u> Other:	<u>000</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 ³ /hr	<u> </u> Gas, BTU/hr
<u> </u> Other:	

17. Process water management:

Recycled: Yes ☒ No ☐

Treatment method used: Waste Water Treatment Plant/Evaporation

Discharged to: Surface waters ☐ Underground ☐ Other ☒

Name and Class of receiving water: Leachate Collection Ditch

18. Storm Water:

Collected: Yes ☒ No ☐ Type of treatment: Retention Pond

Name and Class of receiving water: n/a

19. MSSW Permit number or status: 407767.01 SWFWMD Permit

20. Final residue produced:

73 % of normal processing rate

70 % of maximum processing rate

Disposed of at (Site name): Hardee County Sanitary Landfill

21. Supplemental fuel used: n/a

Type: _____ Quantity used/hour: _____

22. Costs:

Estimated operating costs (material-energy revenue): \$ n/a

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


23. State pollution control bond financing amount: \$ 0

24. Estimated amount of tax exemptions that will be requested: \$ 0

T. CERTIFICATION BY APPLICANT AND ENGINEER OR PUBLIC OFFICER

A. Applicant

The undersigned applicant or authorized representative of Hardee County is aware that statements made in this form and attached information are an application for a Permit Renewal SC25-179573 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

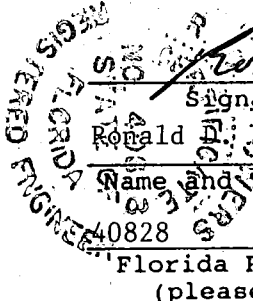
Ted Hite, Chairman of the Board of County
Name and Title Commissioners

Date: 5/26/95

Attach letter of authorization if agent is not a governmental official, owner, or corporate officer.

B. Professional Engineer Registered in Florida or Public Officer as required in Section 403.707 and 403.707(5), Florida Statutes.

This is to certify that the engineering features of this solid waste management facility have been designed/examined by me and found to conform to engineering principals applicable to such facilities. In my professional judgement, this facility, when properly maintained and operated, will comply with all applicable statutes of the State of Florida and rules of the Department. It is agreed that the undersigned will provide the applicant with a set of instructions of proper maintenance and operation of the facility.



Ronald D. Stowers
Signature
Ronald D. Stowers, P.E.
Name and Title (please type)
0828
Florida Registration Number
(please affix seal)

413 W. Orange Street
Mailing Address
Wauchula, FL 33873
City, State, Zip Code
(941) 773 3236
Telephone Number
Date: 05/30/95

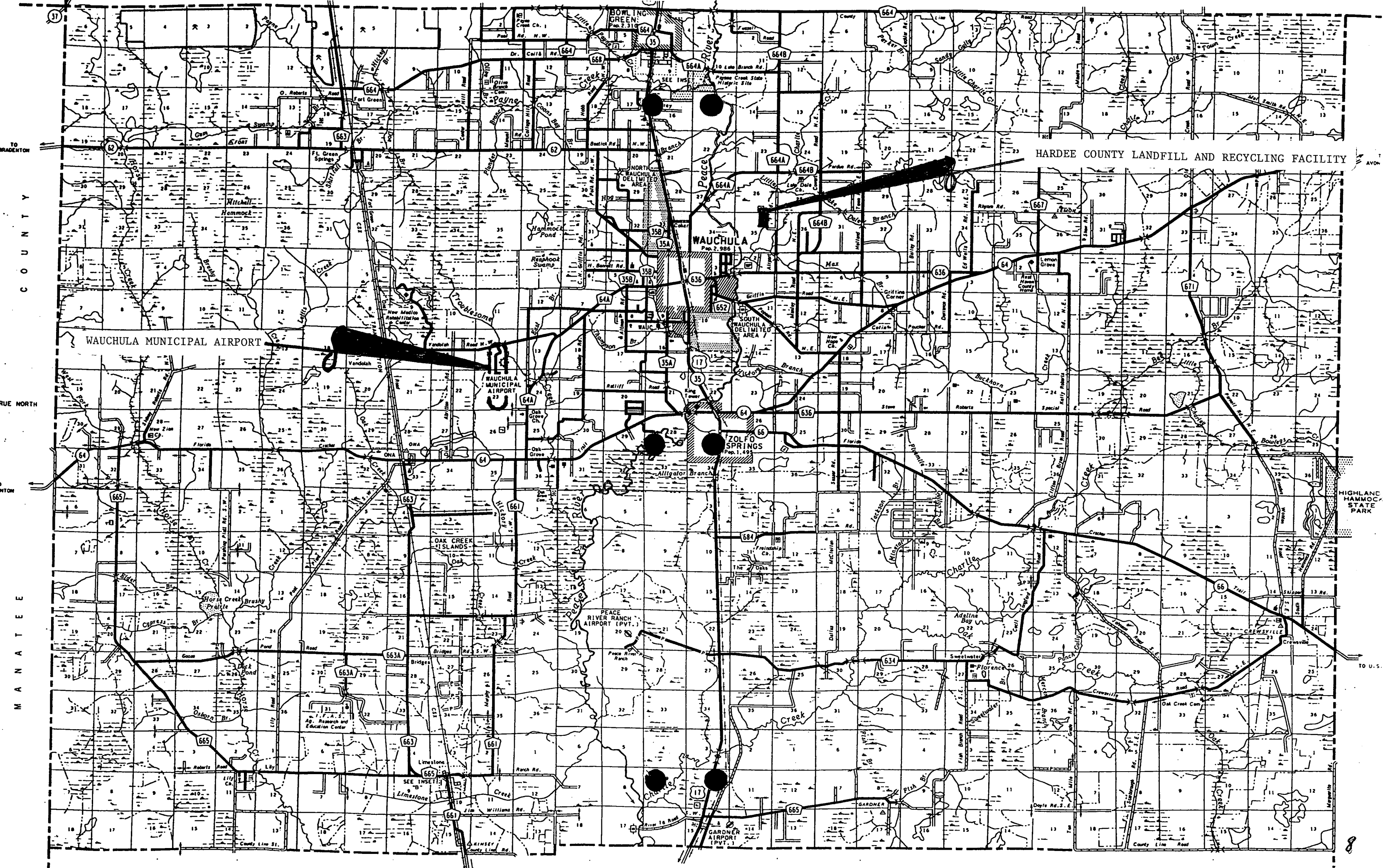
LOCATION AND LOCAL ZONING

The Recycle/Separation Center is located on Hardee County present landfill site (see project location map and vicinity aerial photograph). The site is zoned for Agricultural uses as are the neighboring properties. It is also located in the Agriculture Future Land Use Area of the Hardee County Comprehensive Plan and is in conformance with the Land Use Plan.

D.E.P.

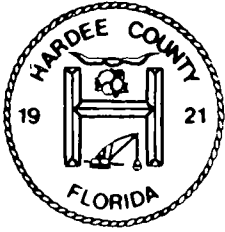
MAY 31 1995

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LETTER OF AUTHORIZATION FOR ENGINEER

D.E.P.
MAY 31 1995
TAMPA



HARDEE COUNTY
BUILDING AND ZONING DEPARTMENT
413 West Orange Street
Wauchula, FL 33873
(813) 773-3236

May 30, 1995

D.E.P.
MAY 31 1995
COUNTY CLERK
TAMPA

Department of Environmental Protection
Solid Waste Section
Attn.: Bob Butera
3804 Coconut Palm Drive
Tampa, FL 33619-8319

Re: Hardee County Renewal Permit to Operate Solid Waste Recycling Center

Dear Mr. Butera:

This is to affirm that Ronald D. Stowers, P.E. has been authorized by Hardee County to prepare and submit the above-referenced application.

If there are any questions, you may contact Gary B. Oden, County Manager at (941) 773-9430.

Sincerely,

Ted Hite, Chairman
Hardee County Board of Commissioners

TH/RDS/bjh

FACILITY DESIGN

A complete set of as-built construction drawings is submitted with this application. They include area maps, site plan and detailed as-built drawings of the structure, the conveyor systems, balers and other equipment.

NARRATIVE DESCRIPTION

Introduction

Hardee County is located approximately 50 miles from the Gulf of Mexico and covers an area of approximately 630 square miles. Principal towns are Wauchula, Bowling Green and Zolfo Springs. Population of the primarily agricultural County is slightly over 22,000 people.

As part of the County's program to comply with Florida's new solid waste volume reduction mandates, the County operates a separation center for recyclable items. These materials will be manually separated and baled for sale.

Existing Solid Waste Facilities

At present, solid waste collected in Hardee County is disposed of at the County's Sanitary Landfill, located approximately two miles East of the City of Wauchula. This facility complies with current Florida Department of Environmental Protection and Florida Administrative Code requirements governing disposal of solid waste. Improvements to the present landfill were completed in 1988.

The County owns 98 acres of land upon which the present landfill is located. Future landfill expansion and construction of related facilities can be adequately accommodated on the County-owned lands.

Solid waste from the incorporated Town of Zolfo Springs, City of Wauchula, City of Bowling Green, and from the unincorporated County areas is disposed of at the County Landfill. An estimated 60 to 75 tons per day of solid waste is delivered to the landfill. Separation of recyclable materials is not done at curbside but at the recycling center.

Need for Improvements

In 1988, the Florida State Legislature enacted legislation intended to reduce the volume of solid waste being placed in sanitary landfills. This legislation provided some incentives to local governments and set goals of 30% reduction of volume by 1994. Removal of recyclable materials (paper, cans, glass, plastics) from the solid waste prior to, or following collection, is one of the methods whereby volume reduction can be achieved.

Compliance with the State's volume reduction program and extension of the life of the present Hardee County Landfill are the two principal reasons for operation of the recycling center. Available volume in a permitted landfill is extremely valuable. Locating, permitting, and constructing a new landfill is a very costly and lengthy process. Hardee County has chosen to extend the life of its present landfill site by several means, and removal of recyclable goods is the prime method. As part of this process, wastes to be disposed of in the landfill will be compressed into bales, further reducing waste volume.

Early in 1989, Hardee County and municipalities within the County began meeting to formulate a plan to meet the new State volume reduction goals. It was concluded by the local committee that removal of recyclable materials prior to pick-up (curbside separation) was not the best solution for rural Hardee County. The local committee recommended Hardee County pursue development of a facility at the County Landfill to remove recyclable materials after collection.

Existing Solid Waste Recycle Center, Hardee County

On July 31, 1990, Hardee County received a DEP permit to construct a resource recovery facility.

On December 10, 1991, DEP issued an approval of operations of the facility based upon a Certification of Construction Completeness dated December 07, 1991. On May 08, 1992, DEP approved a request for modification of the permit condition extending expiration date to July 31, 1995.

The facilities consist of a building 80-ft by 120-ft to house the separation equipment and a shredder. Also included are site improvements such as roadways, drainage system, water and sanitary systems, and a storm water management system. The primary equipment included in the facility is a conveyor system to move the waste as recyclables are manually removed, a baler for waste and recyclables, a glass crusher, a can separator, a forklift and small end loader to move materials.

The separation facilities are built on County-owned land which is partially used for the present sanitary landfill. Approximately 5.01 acres have been reserved for the separation center. Utilization of the area is as follows:

	Sq Ft
Building Area	10,600
Vehicular Use Area	76,000
Open Space	114,386
Retention Pond	17,250

The building structure is a pre-engineered metal structure on a concrete slab with a concrete block office, locker and shower attached to the primary structure. The elevated conveyor system transports mixed waste to the sorting area where recyclable materials are removed and temporarily stored. A cross conveyor transports materials to a compactor/baler or to a waste container. Materials not removed for sale are compacted and baled before being hauled to the landfill. Stored recyclables are baled or otherwise packaged for later shipment.

Access to the tipping floor is by four 18-ft wide doors on the North, East and West sides of the building. At the South end of the building are two more 18-ft wide doors, one of which provides access to a loading dock. The other allows a roll-off container to be placed so as to receive waste should the baler be inoperative.

The entire concrete building floor is sealed to facilitate maintenance and sanitation. The tipping floor area is equipped with floor drains which drain to a pre-fab pumping station near the building. The pumping station pumps "waste" waters to the leachate storage pond at the landfill site. The tipping floor and other building floors are cleaned in a dry manner as much as practicable in order to minimize "waste" water production.

Surface Water Quality

Surface water quality on the site is protected by construction of an 18,500 sq ft retention pond and widened swales. Surface drainage from the building and surfaced areas are stored in these facilities per the requirements of FAC 17-25. No mixing of surface water and water used to wash the tipping floor or otherwise coming into contact with solid waste is allowed.

Access Control

Access to the facility is through the main County Landfill entry road which is staffed at all times the center is in use. Weigh scales at the entry are used to ensure proper record keeping. While the entire site is fenced, the separation facility structure is secured when not in use by roll-up doors and six-foot chain link gates. Litter control is provided by County forces.

Facility Operation

See Hardee County Solid Waste Department Operational Plan and Contingency Plan in Section VI.

Records

Accurate records of materials processed are maintained and available for examination in accordance with the State of Florida regulations.

OPERATIONAL and CONTINGENCY PLANS

Hardee County Solid Waste Department

D.E.P.

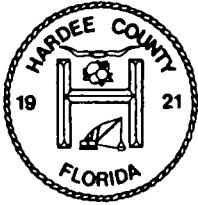
JUL 10 1995

THIRTEENTH DISTRICT
TAMPA

Material Recovery Facility

Operational Plan

Contingency Plan



HARDEE COUNTY

Department of Solid Waste & Recycling Center

P.O. Box 246
Wauchula, Florida 33873

*File
copy*

Page 1 of 2

June 29, 1995

Department of Environmental Protections
Attention: Susan Pelz, E. I
Solid Waste Section
Division of Waste Management
3804 Coconut Palm Drive
Tampa, FL 33619

D.E.P.

JUL 10 1995

**SOUTHWEST DISTRICT
TAMPA**

RE: Material Recovery Facility, Hardee County
Pending Permit No. SO25-271793
Response to letter dated June 26, 1995

Dear Susan:

In response to your letter dated June 26, 1995, the following information is submitted:

1. Clear or transparent bags which contain commingled recyclables may be placed in the drop-off trailer located at the entrance of the facility, before passing over the scales. Approximately once every other day, the contents of the trailer is loaded onto the flatbed truck, weighed in, and transported to the Material Recovery Facility. It is unloaded onto the tipping floor and pushed onto the conveyor belt. The trustees, which are stationed on either side of the belt, will rip the bags open by hand or by using knives. Recyclables are removed and separated, non-recyclables, including empty trash bags, continue down the belt and into the baler. Baled waste is transported to the Class I Landfill. Bags containing recyclables which are brought directly to the Material Recovery Facility (such as in garbage trucks) will be dealt with in the same process.
2. Please refer to the attached chart.
3. The glass crusher is listed in the Equipment List as item number 7. The shredder is utilized only for shredding whole waste tires. The waste tire site is located adjacent to the Class I Landfill. The shredder is housed in the Material Recovery Facility for maintenance purposes. We are permitted to process 500 tires per month. This particular equipment was purchased through the Waste Tire Grant and its operational procedures are included in the Landfill Operational Plan. However, because of its location I will add it to the Material Recovery Facility's Operational Plan as well.

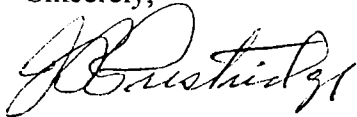
Phone: (813) 773-5089 • FAX: (813) 773-0958

Page 2 of 2

The above is submitted as a summary of direct answers to your questions. Please make note that our Operational Plan has also been modified to include this information. A revised copy is enclosed.

We thank you for your time and cooperation and as always, should you have further questions or comments please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "J.R. Prestridge".

J.R. Prestridge,
Assistant County Manger
Solid Waste Superintendent

jw

CC: Susan Pelz, DEP-Tampa
Ron Stowers, Zoning Dept.-Hardee
file

INDEX

OPERATION PLAN

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COLLECTION PROCESS FOR RECYCLABLES

Hardee County operates a Material Recovery Facility which serves a number of purposes for the Solid Waste Department. This facility allows the Solid Waste Department to provide the county with a waste reduction method for the Class I Landfill by segregating the recyclables from the non-recyclable waste and by baling non-recyclable waste and reducing the space needed in the Class I Landfill. It also provides the Department with a very effective waste screening process.

Residents of Hardee County are asked to place their commingled recyclables into a clear or transparent bag. If they have garbage pick-up, they are asked to place their recyclables on the curb with their other garbage or they may bring it to the Hardee County Landfill. An educational brochure explaining the procedures to follow is included in Appendix C.

PROCEDURES

Upon entering the landfill, each load of solid waste is required to register at the scale house. The vehicle is weighed and classified in one of the following categories:

1. Residential
2. Commercial
3. Wood and Yard Waste
4. Horticultural
5. Agricultural
6. Institutional
7. Industrial
8. Appliances/Scrap Metal
9. Construction and Demolition Debris
10. Mixed Loads
11. Special Handling
12. Pre-tested Contaminated Soil
13. Tires without Rims
14. Tires with Rims
15. Tires Mixed (with and without rims)

After classification, the loads are assigned one of the following destinations:

1. Class I Landfill
2. Construction and Demolition Debris Site
3. Wood and Yard Waste Site
4. Scrap Metal Site
5. Material Recovery Facility
6. Waste Tire Site

Loads that are directed to the Material Recovery Facility for processing are backed into the building through 2 of 8 roll up doors. They empty their loads onto the tipping floor of the facility. Trustees from the County Jail are instructed to pull and segregate all accessible OCC from the tipping floor. A bobcat loader is used to push the garbage onto a steel belt conveyor which transports the material to a 5' X 40' elevated sorting belt. Trustees are stationed at each side of the sorting belt and instructed to pull the recyclable materials paying special attention the clear or transparent bags which may contain all recyclable material. The trustees will rip the bags open by hand or by using a knife. The recyclable is dropped down the appropriate chute where it is deposited into the appropriate container: metal dump carts for glass, plastic storage bins for cans, and wire storage bins for plastic. Excessively dirty and/or contaminated recyclables, non-recyclables, plastic bags and other waste continues down the belt and into the baler where it is baled and then transported to the Class I Landfill. ✓

Glass is sorted by color: clear and amber. It is taken to a crusher where it is crushed and deposited back into a metal dump cart. Using a forklift, the dump carts are tipped into one of two, 25 cubic yard roll-off dumpsters, (provided by the vendor), which are located on the pavement on the south west side of the facility. The color separated, crushed glass is stored until sufficient quantities accumulate, which is normally two to three months storage time, then the buyer is contacted and will bring a replacement dumpster at the time of pick-up.

Commingled aluminum and bi-metal cans are sent through a magnetic can separator and redeposited into plastic bins with covers and stored outside. The storage bins are brought back into the facility once a week and dumped onto the tipping floor. The cans make a second trip across the belt to double check proper separation and to remove any contaminants that may have been missed. Once the Aluminum has been sorted and baled, it is stored inside the facility until sufficient quantities accumulate for marketing, which varies from four to six months. Baled bi-metal cans are transported to the scrap metal site, to be sold as such. They may be stored in the metal site for three to six months.

Plastics (1 through 7) is commingled and stored in an outside storage area, located on the south west corner of the pavement of the facility. Once a week, the bobcat loader transports the material back onto the tipping floor where it once again goes down the belt to double check for unacceptable materials, then it is baled. Bales are stored in a box semi trailer located at the loading dock at the south end of the facility. It is estimated that the storage time will be about six months.

Newsprint is accepted only if it is brought into the landfill already separated from other garbage. Markets require that it be clean and dry. It is stored at the facility in the back of the recyclable drop off trailer, which is located on the right side of the entrance of the landfill, until sufficient quantities accumulate for market which may take as long as one year.

Loose OCC is stored in a secure, fenced area connected to the East door of the Material Recovery Facility. Once a week it is pushed by the bobcat back onto the tipping floor and onto the belt where it is sorted once again and then baled. Bales are stored on the south pavement outside the facility

until sufficient quantities accumulate for market. Sufficient quantities usually require 25 to 35 bales, this takes approximately one to two months.

There is a chart located in Appendix C which summarizes the storage methods and storage time.

Residents who transport their own garbage to the landfill are instructed to drop off their recyclables at the orange drop-off trailer located at the right of the landfill entrance before continuing across the scales. Therefore, they are not charged a tipping fee for the separated recyclables. The trailer is cleaned out as needed, weighs are recorded and then the recyclables are brought to the Material Recovery Facility for separation.

All remaining garbage continues down the belt and into the baler where it is baled for volume reduction. The bales are loaded onto a flatbed truck and transported to the bale field located at the Hardee County Class I Landfill.

At the end of each working day, the floor is dry swept. Once a week the floor is pressure washed with a non-hazardous, biodegradable cleaner. The waste water is collected through underdrains located throughout the floor of the facility. The waste water is then pumped by a lift station to the leachate collection ditch and the Class I Landfill.

In the event the Material Recovery Facility is down for repairs or cleaning, residents may place recyclables in the drop-off trailer. Large loads of waste may be directed to the Class I Landfill and garbage will be dumped on the loose working face of the Landfill.

In addition, the Material Recovery Facility houses a Shredder, 1500E. This machine is used on for shredding whole waste tires. We are currently permitted to process up to 500 waste tires per month. Should time allow, workers will select whole, waste car tires, without rims from the tire site located adjacent to the Class I Landfill. They will then transport the tires to the Material Recovery Facility. There is a platform beside the shredder where one worker will be stationed. Other workers will hand tires one at a time to the worker on the platform who will then drop the tires into the shredder. Shreds are deposited onto the tipping floor and picked up by the bobcat loader which will in turn load the shreds back onto the truck. The truck transports the shreds to the Class I Landfill for proper disposal.

EMPLOYEE'S JOB DESCRIPTIONS

All employees work under the direct supervision of the Assistant County Manager/Solid Waste Superintendent. Employees include the Executive Secretary/Recycling Coordinator, Recycling Crew Leader, and three Resource Recovery Operators. Trustees from the County Jail are utilized on the sorting belt.

The following are job descriptions for the above mentioned employees:

EXECUTIVE SECRETARY/RECYCLING COORDINATOR

Major Functions:

This is skilled clerical work, with administrative responsibility, under the direction of the Solid Waste Superintendent. A technical position responsible for implementing the County Recycling Program and assisting the S.W. Superintendent in the administration of the County's Solid Waste Department. This position frequently deals with technical terminology used in specialized work. To perform highly responsible secretarial and administrative work as personal assistant to the Solid Waste Superintendent, and perform with a greater degree of independence.

Illustrative Duties:

Assist in the planning, coordination and direction of the Solid Waste Activities. Provides general supervision for employees engaged in a wide variety of solid waste and recycling operational activities and services. Provides the Solid Waste Superintendent with information pertaining to departmental organization, personnel and equipment in determining the effectiveness of the Solid Waste Operation.

Gathers, verifies and documents, information required by Regulatory Authorities. Prepares records, reports and grant information forms when required. Applies for grants and complies with requirements of grants including reports, requisitions, documents, etc...

Participates in meeting with the general public to resolve problems, answers questions and exchange information concerning Solid Waste and Recycling activities. Promotes and supervises the County's recycling and hazardous waste management programs.

Takes and transcribes dictation concerning correspondence and related dictation. Prepares forms independently and composes letters. Sets up files and files letters and related materials in an accepted manner, assembles information for Supervisors use. Keeps Supervisors appointment calendar and schedules appointments, advises supervisor of important meetings. Receives and screens callers, gives information on the operation of the office and to persons seeking assistance, refers callers to other employees, officials or departments as necessary.

Attends conferences, meetings or other official functions. May attend as the representative of the Solid Waste Superintendent. Tracks the sale of recyclables and accounts for funds received from the recycling program. Responsible for the tracking, disposal and associated record keeping relating to hazardous waste management.

Assist in Budget reports, preparation and maintenance. Performs various related statistical duties and reports including environmental permitting record keeping requirements.

May be required to take continuing education courses as may be required for the position.

Performs related work as required.

Knowledge, Abilities, and Skills:

Considerable knowledge of: Business English, spelling and punctuation; office practices and procedures; considerable ability to make independent decisions in behalf of Superintendent during absence; ability to establish and maintain harmonious working relationships with Public Officials, employees, and the public; ability to comprehend terminology used in Solid Waste. Ability to speak in public.

Minimum Qualifications:

Graduation from an accredited high school or possession of an acceptable equivalency diploma. Three (3) years of Secretarial/Clerical experience, one (1) of which should be at a high level of Secretarial work.

A comparable amount of training and experience may be substituted for the minimum qualifications.

RECYCLING CREW LEADER

Major Functions:

This position entails skilled supervisory work in direct assistance to the Solid Waste Superintendent with responsibility for the activities of subordinate supervisors and employees. It involves the compacting, processing and recycling of solid waste for Hardee County. The employee works under the general supervision of the Superintendent. The employee insures processing and recycling activities at the Material Recovery Facility are carried out within established time tables and requirements set by the Solid Waste Superintendent.

Illustrative Duties:

- To check daily with subordinate employees on assigned work insuring work is accomplished in accordance with plans and schedules.
- Assists in determining equipment and facility needs
- Schedules and assigns employees work tasks at the Material Recovery Facility.
- Schedules maintenance on equipment and service and expedites acquisitions of parts and materials necessary for the operation of the Material Recovery Facility.
- Schedules rolling stock and heavy equipment to those areas as determined by load factor at the Material Recovery Facility.
- Investigates and takes action to solve problems and complaints that arise at the Material Recovery Facility.
- Oversees the trustees.

- Performs related work as required.

Knowledge, Abilities and Skills:

Knowledge of the operation, maintenance, limitations and safety precautions of equipment. Knowledge of the tools and practices used in the Material Recovery Facility. Ability to operate the equipment in a safe and efficient manner. Ability to understand and follow oral and written instructions. Ability to follow special instructions concerning the working of inmates (trustees) and those placed on a work release program. Ability to perform manual labor under adverse conditions. Ability to lead crew.

Minimum Qualifications:

Graduation from an accredited high school or possession of an acceptable equivalency diploma. Experience in the operation of light equipment and trucks. Possession of a valid Florida Chauffeur's driver's license. A comparable amount of training and experience may be substituted for minimum qualifications.

Special Requirements:

Ability to satisfactorily pass an indoctrination program given by the Sheriff's Department concerning trustees and Work Release. Must be bonded and may be deputized by Sheriff.

*****RESOURCE RECOVERY OPERATOR*****

Major Functions:

Manual work consisting of all tasks relating to solid waste disposal, volume reduction, and resource recovery. Employees assigned to this position will be responsible for the safe and efficient operation of motorized and stationary equipment utilized in the solid waste disposal process.

Illustrative Duties:

Operates loader on tipping floor; operates baler, various types of loaders, forklift, wood chipper, shredder, glass crusher, can separator. Drives a dump truck. Assists in work area clean up; directs the public to proper disposal areas; checks materials dumped on tipping floor for hazardous and non-acceptable items; loads and organizes recyclable materials for shipping. Performs related work as required.

Knowledge, Abilities and Skills:

Knowledge of procedures necessary to safely, skillfully and economically operate medium size mobile equipment. Knowledge of laws and County regulations pertaining to the safe operation of

equipment. Ability to perform routine maintenance on equipment and assist with periodic maintenance. Ability to understand and follow oral and written instructions. Ability to operate the above described equipment without continuous and direct supervision. Ability to perform the physical work related to the position. Skill in the operation and care of various types of moderately complex equipment.

Minimum Qualifications:

Two (2) years experience in the operation of varied medium size equipment, conveyor and baling processes. A combination of education, training and experience that provides the above described knowledge, abilities and skills. Possession of a valid FL Class B CDL license required. A comparable amount of training or experience may be substituted for the minimum qualifications.

EQUIPMENT DESCRIPTION

CONTRACTORS LISTING:

- | | | |
|----|---------------------|---|
| 1. | Electrical | Ashley Electric Company, Inc.
615 Morgan Road
Winter Haven, FL 33880
813/324/0929 |
| 2. | Metal Building | Whirlwind Building Systems
8234 Hansen Roan
Houston, TX 77075
713/956-7140 |
| 3. | Plumbing | Graves Plumbing
15 S. Seminole
Ft. Meade, FL 33841
813/285-8265 |
| 4. | Recycling Equipment | Florida Equipment and Machinery
8338 Epicenter Blvd.
Lakeland, FL 33804
813/984-3858 |
| 5. | Pumps | Barney's Pumps, Inc.
P.O. Box 3529
Lakeland, FL 33802-3529 |

- 813/655-8500
6. Septic System
Berns Septic Tank Company
3585 Highway 17 North
Bartow, FL 33830
813/533-7414
 7. Finished Hardware
Cement Products & Supply Co.
P.O. Box 12
Lakeland, FL 33802
813/686-5141
 8. Overhead Doors
J.B. Mathews Corp.
P.O. Box 608100
Orlando, FL 32860-8100
800/226-3667
 9. General Contractor
SEMCO Construction, Inc.
205 Century Blvd.
Bartow, FL 33830
813/533-7193

EQUIPMENT LISTING

1. Bobcat Loader, 843B
Phil Reed Equipment Co.
2. Catapillar Forklift Truck, T.D. 50
Ringlift
3. Shredder, 1500E
S.S.I. Shredding Systems, Inc.
FL Equipment and Machinery
4. Selco Baler 2NR75
HI Density/2 ram Baler
Selco Balers
5. Wire Tie System, 330
U.S. Wire Tie Systems
6. Can Sorter/Model #cc1207
FL Equipment and Machinery
C.P. Manufacturing Co.
7. Glass Crusher
FL Equipment and Machinery
C.S. Bell Manufacturing Co.
8. Inclined Steel Belt Conveyor 36'x6'

Rubber Belt Conveyor 20'
Rubber Belt Conveyor 40'

FL Equipment and Machinery
Conveyor A.R. Products

9. Ford F 700 Flatbed Dump Truck

Atlantic Ford

MAINTENANCE:

Maintenance of equipment is performed according to maintenance manuals schedule of each piece of equipment. Light maintenance and repairs are made by in-house personnel. Heavy maintenance and repair are made by Hardee County Public Works Shop or the outside vendor of the equipment.

Parts and services are same day or within 72 hours. Some wear parts are kept in stock for baler and wire tie systems. Rental Equipment or loaners are utilized whenever a piece of rolling stock equipment breaks down.

Service and maintenance manuals are available in the office of the Material Recovery Facility for use when needed. See Appendix A for types of manuals available.

WASTE CONTROL PLAN

Upon entering the Solid Waste Facility, each vehicle must register at the scale house. The vehicle is weighed, classified and assigned a destination. To do so, the weighmaster will ask the driver about the contents of his load and visually check to determine the classification. If classification or destination can not be determined at this point, the weighmaster will instruct the driver to one of the operators in the landfill or in the Material Recovery Facility to inspect the load further. If the load is classified as Residential, Commercial, Institutional or perhaps Mixed; it will be sent to the Material Recovery Facility.

Upon entering the Material Recovery Facility, vehicles are instructed to dump their waste onto the tipping floor. One or more of the Resource Recovery Operators will observe the contents of the load and checked for unacceptable materials. Should the Operator observe materials that are acceptable but should have been sent to one of the other sites in the landfill, he/she will instruct the driver to the proper site and explain the proper way to segregate their waste. Should the Operator observe unacceptable waste, he/she will notify the should waste superintendent for further instructions.

In addition, as per 40 CFR Part 258; there will be a minimum of three random load inspections completed each week. Each inspection will be recorded by personnel trained to recognize regulated hazardous waste or PCB waste and notification of state Director of authorized States under Subtitle C of RCRA or the EPA Regional Administrator if in an unauthorized State if a regulated hazardous waste or PCB waste is discovered at the facility.

FIRE CONTROL PLAN

In case of a fire in the Material Recovery Facility, the responding agency is the Hardee County Fire and Rescue Service, located approximately three miles east in Wauchula. The site is equipped with a dry fire hydrant for the filling of pumper trucks. There are also six fire extinguishers and five hose bibs located throughout the facility. A copy of the fire escape plan is located in Appendix B.

CONTINGENCY PLAN

In the event, for mechanical or other reasons, the Material Recovery Facility has to cease operation, the scale house operators will direct the waste loads to the Class I Landfill for compaction and disposal by conventional landfill methods.

APPENDIX

A

D.E.P.
JUL 10 1995
COUNTY TAMPA

SSI Shredding Systems

28655 SW Boones Ferry Road

P.O. Box 869

Wilsonville, OR 97070

(503) 682-3633

FAX (503) 682-1704



OPERATING, MAINTENANCE, AND SERVICE

MANUAL FOR ELECTRIC-DRIVEN

ROTARY SHEAR SHREDDER

MODEL: 1500-E

HP: 60

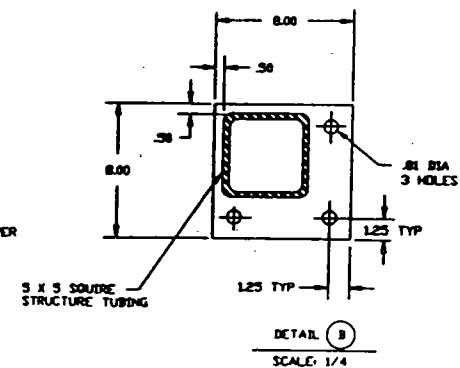
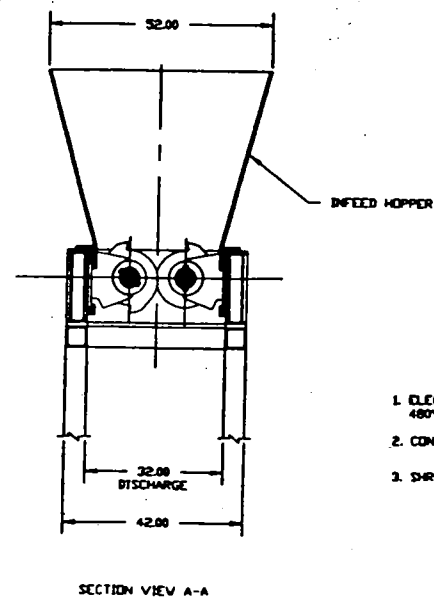
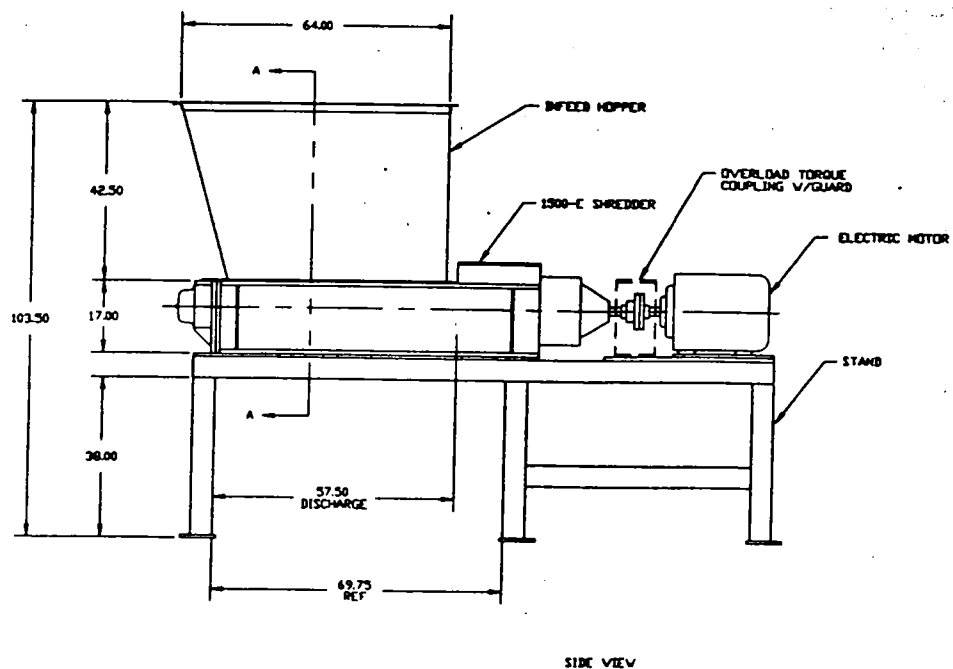
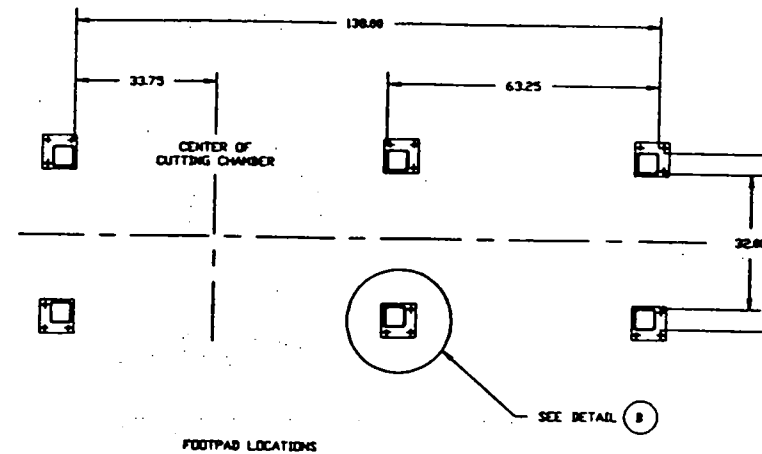
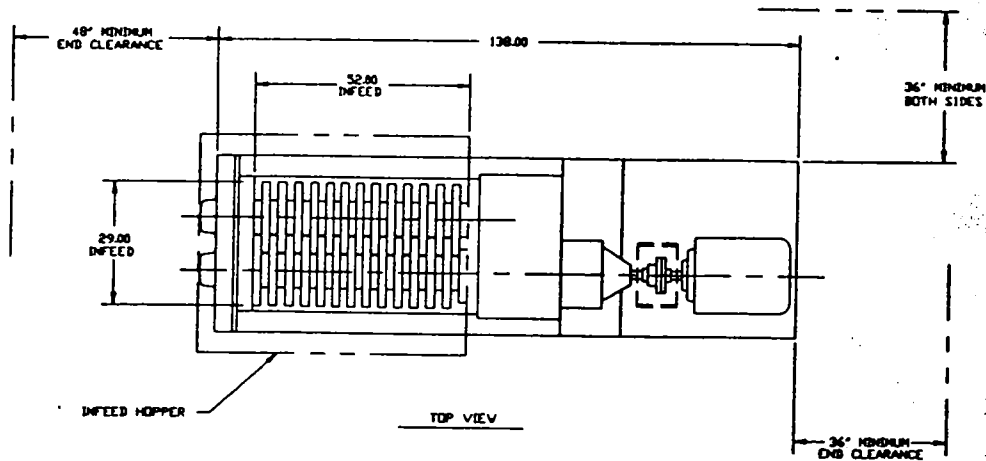
SSI SHREDDING SYSTEMS, INC.

CUSTOMER: Florida Equipment

SERIAL NO: 91-205-0472

PUBLISHED: April 24, 1991

NOTE: This manual contains information which is the property of SSI Shredding Systems, Incorporated. By accepting this information, the borrower agrees that it will not be used for any other purpose than that which it is loaned.



1. ELECTRICAL POWER REQUIREMENTS:
480V, 3 PHASE, 60HZ.
2. CONTROL PANEL NOT SHOWN
3. SHREDDER WEIGHT - 10,000

0	RELEASED
REV.	CHANGE DESCRIBED
SHREDDING S	
THIS PRINT ORIGINALLY DESIGNED BY THE SHREDDER SYSTEMS CORPORATION. IF THE SHREDDER SYSTEMS CORPORATION IS NOT THE DESIGNER, THE SHREDDER SYSTEMS CORPORATION IS NOT RESPONSIBLE FOR THE DESIGN OR THE SHREDDER SYSTEMS CORPORATION IS NOT RESPONSIBLE FOR THE DESIGN OR THE SHREDDER SYSTEMS CORPORATION IS NOT RESPONSIBLE FOR THE DESIGN.	
DRAWN BY	SCALE
COLEMAN	1/16
SHREDDER L	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND
FRACTIONS

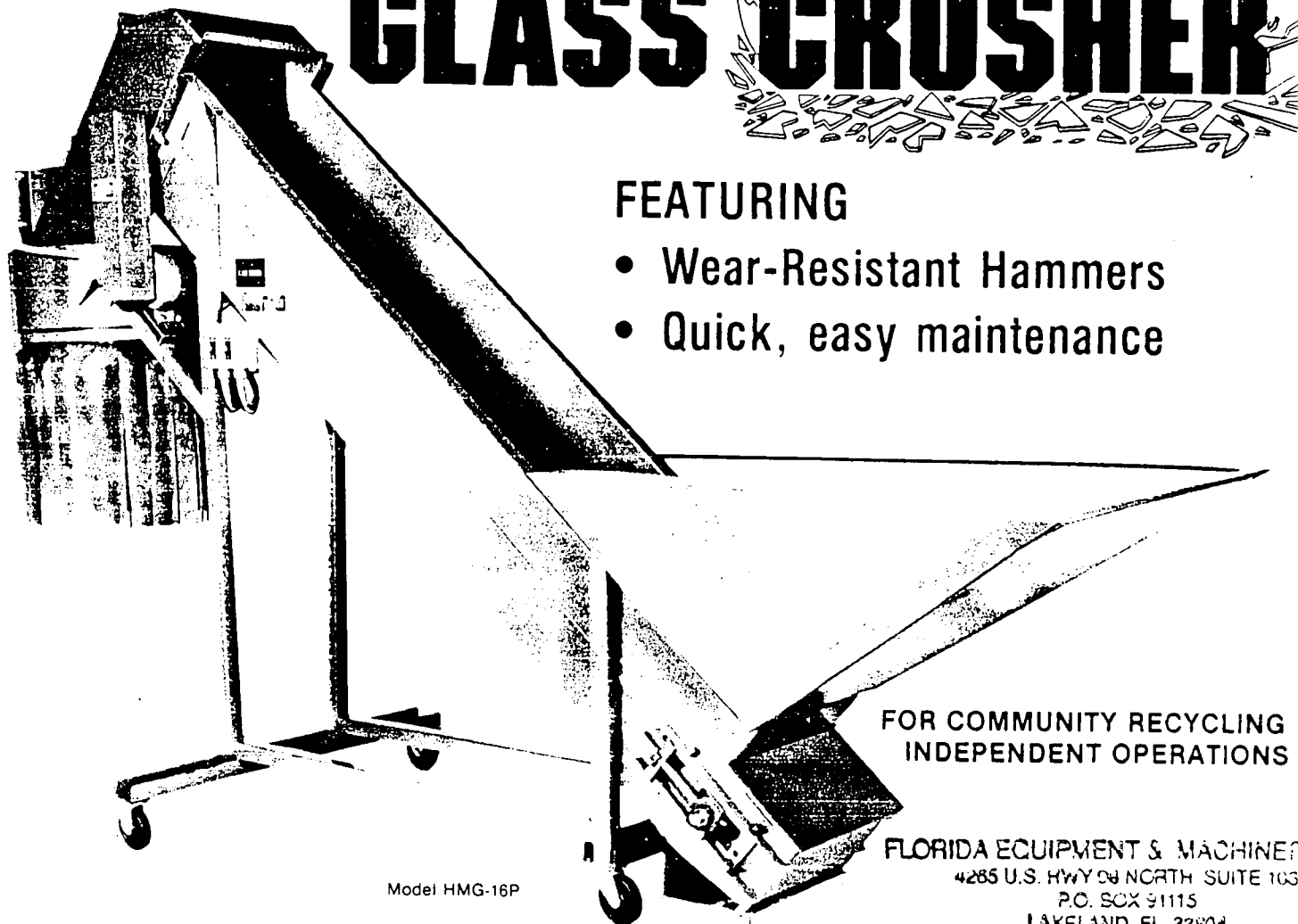
PL. DIMS 1

NEW

C.S. BELL COMPANY

Self-Contained Recycling Unit

GLASS CRUSHER



Model HMG-16P

FEATURING

- Wear-Resistant Hammers
- Quick, easy maintenance

FOR COMMUNITY RECYCLING &
INDEPENDENT OPERATIONS

FLORIDA EQUIPMENT & MACHINERY
4285 U.S. HWY 98 NORTH, SUITE 103
P.O. BOX 91115
LAKELAND, FL 33804
(813) 359-4499

Straight Line "up, over & out" conveyor design means fast, efficient processing of glass containers into recyclable cullet. Mounted on 6-inch casters for complete mobility.

Rated Capacity: 3 to 4 tons per hour, depending upon materials processed

Guaranteed to step-up processing (and PROFITS) in most glass size reduction applications



Can Pak™ CC1207 Can Sorter

FROM CP MANUFACTURING

Making the most of your valuable time and resources by buying only what you can resell is important. And that's what the Can Pak™ CC1207 Can Sorter from CP Manufacturing is all about. It allows you to easily sort aluminum cans from steel and other contaminants *before* you buy them, making your recycling more efficient *and* more profitable. And it's designed to fit your budget, so that even with lower volume needs, you get high volume results.

It's Efficient

The CC1207 sorts up to 2,500 lbs. of aluminum cans per hour. It quickly, cleanly separates steel from aluminum. Simply dump the cans into the hopper. A 12" wide conveyor belt with vulcanized PVC cleats carries a single layer of cans over a magnetic head pulley, efficiently removing steel cans and

other ferrous materials, and making visual inspection easy. The remaining aluminum cans fall into a container below. The tail pulley assembly is adjustable from outside, so you can easily adjust the conveyor belt tension.

It's Durable

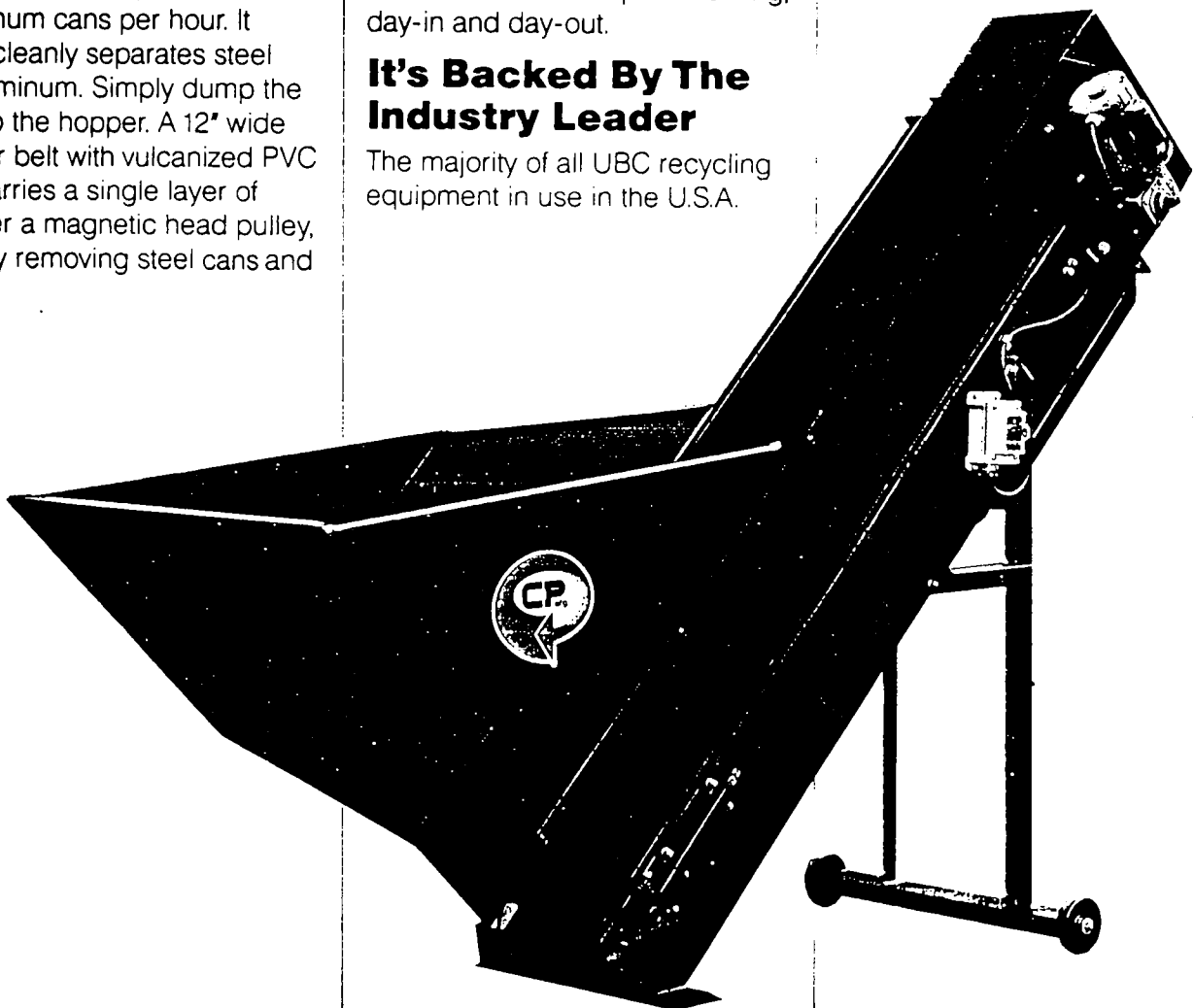
The CC1207 is built to last. It's got a minimum of moving parts for the lowest maintenance possible. Sturdy 5" casters give you flexible placement and operation. And with a strong 1/3 horsepower motor, you can count on this durable machine to keep on working, day-in and day-out.

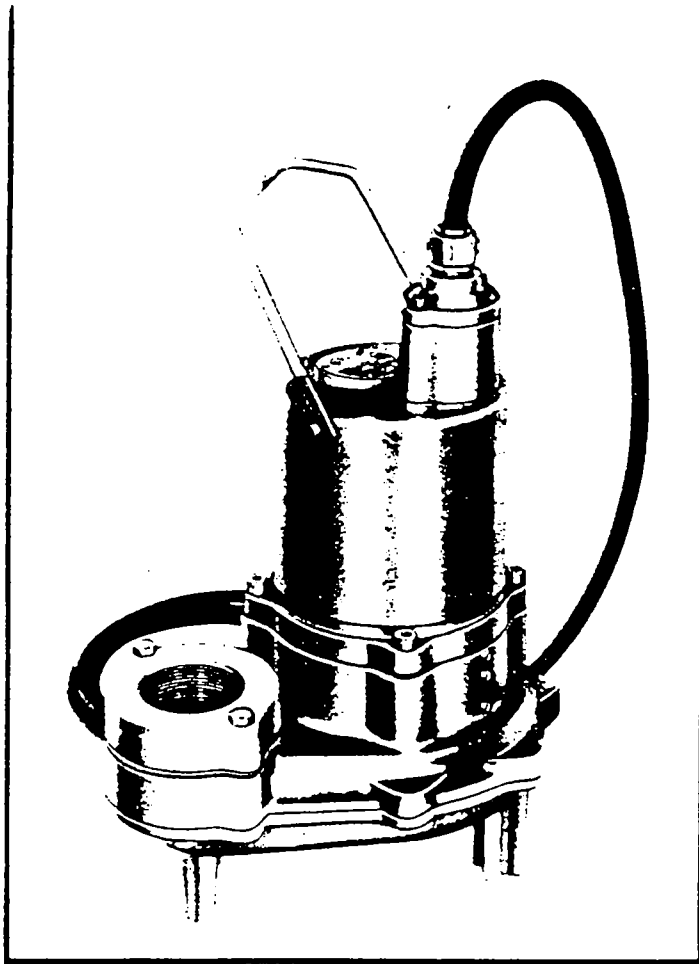
It's Backed By The Industry Leader

The majority of all UBC recycling equipment in use in the U.S.A.

today has been built by CP Manufacturing. And no matter what recycling tools you buy from CP, you can count on us to deliver dependable, sturdy construction with minimum maintenance.

So if you're ready to save your valuable time and energy, *plus* make your operation more profitable than ever, call us today, **(619) 477-3175**. The Can Pak CC1207 Can Sorter is ready to go to work for you!





**S & SH Series
Non-Clog, Heavy-Duty
Sewage &
Industrial
Submersible Pumps
for handling
sanitary and
other drainage**

**HYDROMATIC
PUMPS**

A Marley Pump Company



Special Construction Features:

MOTOR STATOR — Open type stator construction permits easy removal when necessary and can be rewound in the field. Winding is completely sealed against moisture and operates in clean dielectric oil that dissipates heat and lubricates motor bearings. Motor is lubricated for life — no periodic greasing operations required.

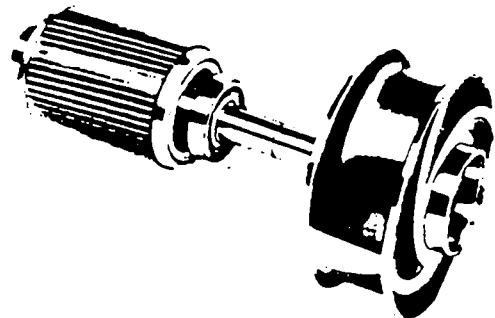
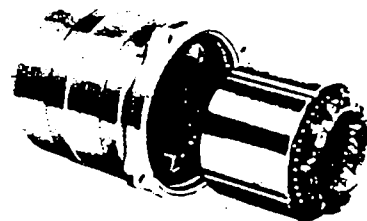
PUMP IMPELLER — Two-vane, non-clog impeller of the enclosed type with impelling vanes on both the front and rear shrouds. Balanced, cast iron design is perfect for sewage, grease, dirt and other sump materials.

SHAFT AND BEARINGS — Threaded Type 303 stainless steel shaft absorbs vibrating forces that occur when impeller passes solids; provides protection against corrosion and fatigue. Large upper and lower ball bearings rigidly support shaft and motor rotor and operate in bath of clean oil.

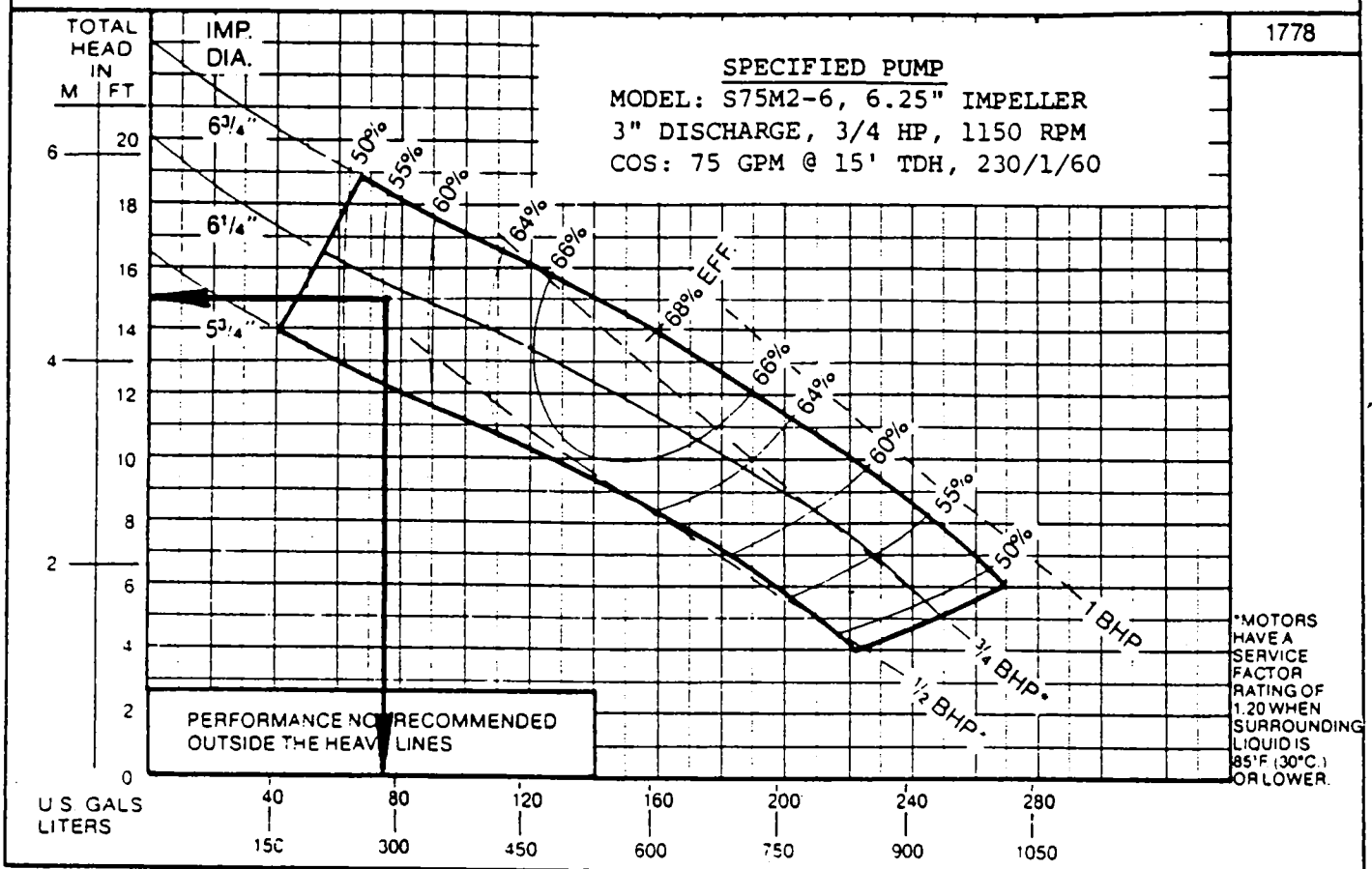
MATERIALS — Motor housing, pump castings, and impeller are high grade cast iron. All fasteners are stainless steel. Pump case has replaceable bronze wear rings.

FIELD SERVICEABLE — Pump and motor can be dismantled and repaired in the field by any competent mechanic.

MOTELS - HOSPITALS - CHURCHES - SCHOOLS - APARTMENTS



MODEL: S SERIES SUBMERSIBLE SEWAGE PUMP - MAX. SOLIDS: 2 1/2" SPHERE - 1150 RPM



SELCO

BALERS

OPERATORS MANUAL

POST OFFICE BOX 406, JEKYLL ROAD
BAXLEY, GEORGIA 31513
U.S. WATS 1-800-447-3526 GA WATS 1-800-847-3526

RECEIVED

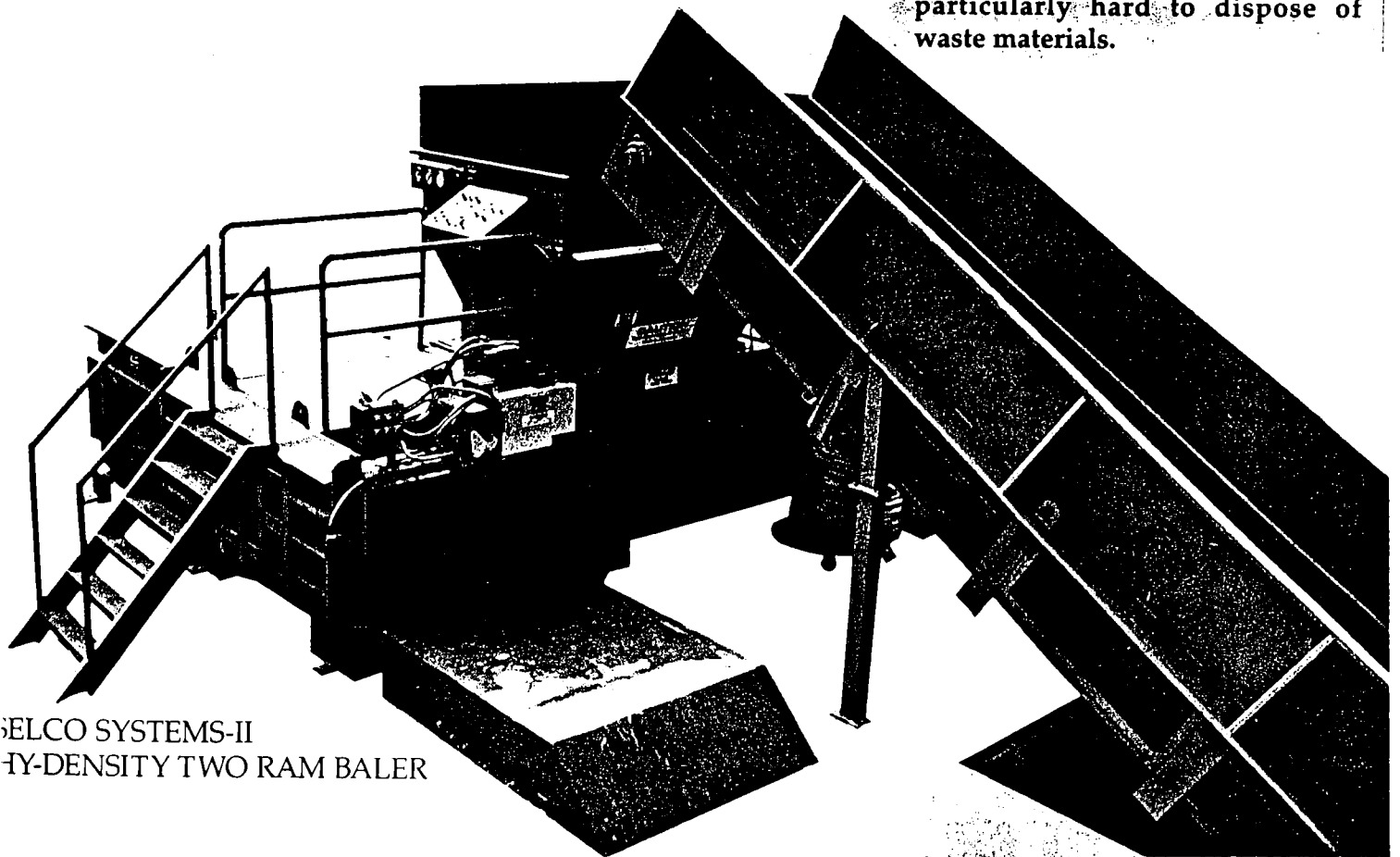
OCT 15 1991

HARDEE B.D.C.C.
BY _____

SELCO

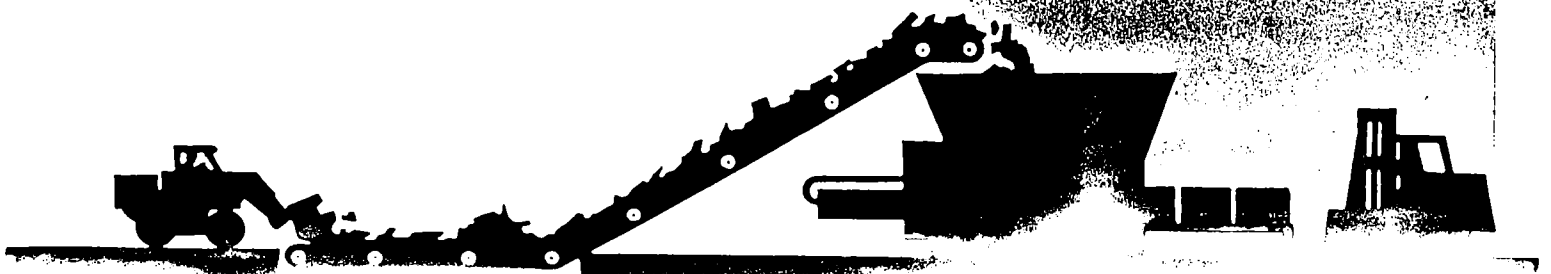
● *Setting New Standards For Balers...Again!*

For more than a quarter of a century SELCO PRODUCTS, INC. has been designing, manufacturing, and supplying waste volume reduction and densification systems. These systems provide industry, commercial enterprises and municipalities an economical way of recycling reclaimables thereby reducing the volume of the waste stream to the landfill or disposal site. Not only does SELCO offer a broad line of standard balers, conveyors and accessories, but can also provide custom-designed recycling systems to solve particularly hard to dispose of waste materials.



SELCO SYSTEMS-II
HIGH-DENSITY TWO RAM BALER

*Disposal Is A Dead End...
Recycling Is A New Beginning.*



CATERPILLAR

SEBU6001-02
March 1990

Operation & Maintenance Manual

**T40D, T50D and TC60D
V40D, V50D and VC60D
Lift Trucks**

2MC1-UP
2YB1-UP
3EC1-UP
3FC1-UP
8EB1-UP
9RB1-UP

330 SERIES AUTOMATIC WIRE TIEING HEAD

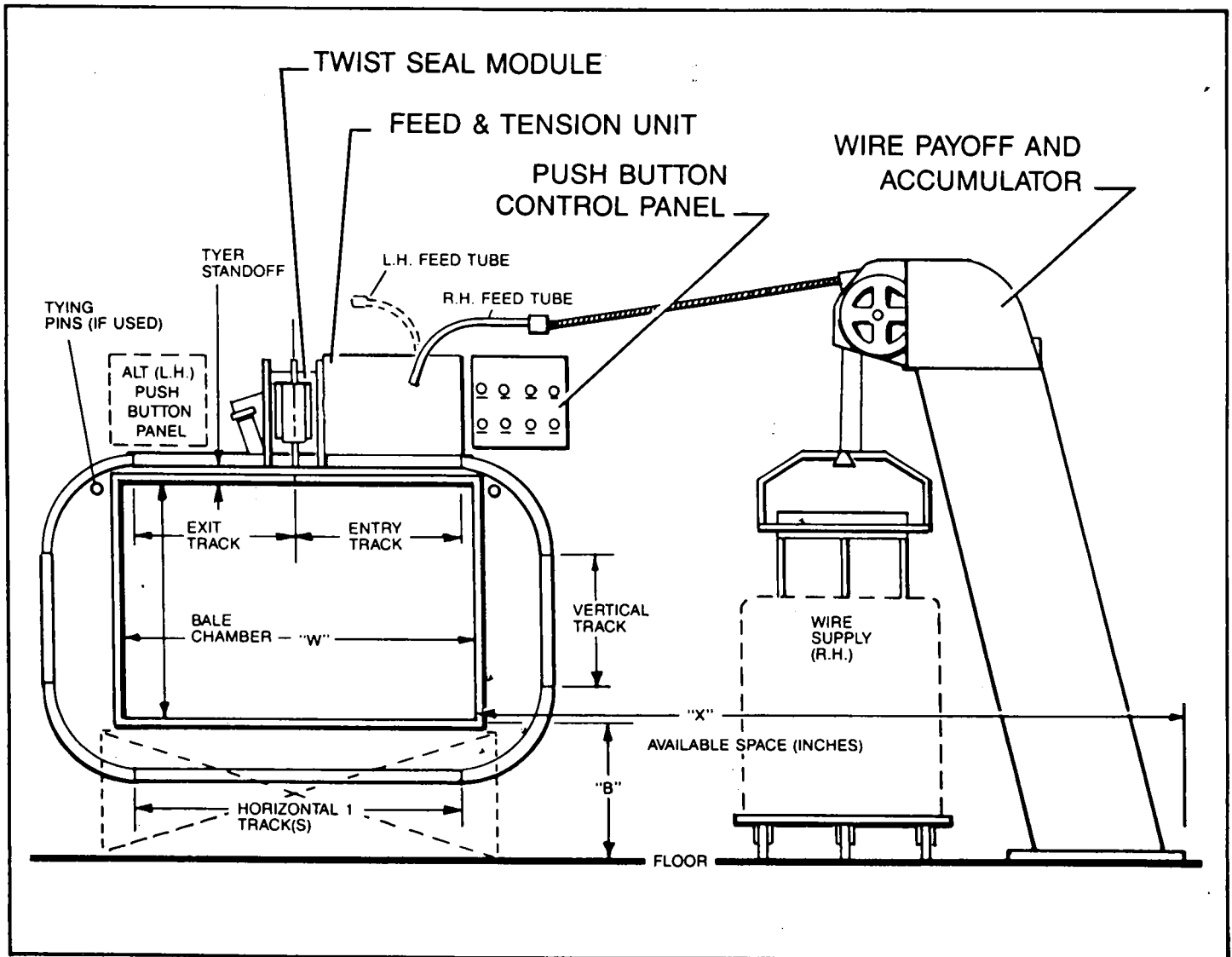


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Products Company

MANUFACTURERS OF CONVEYORS & MATERIAL HANDLING SYSTEMS

Florida Equipment & Machinery
8338 Epicenter Blvd
Lakeland, FL 33809

DATE: February 15, 1991
QUOTATION NO: 350/0215-91-60
DRAWING NO: ARP-SL-FEHCP

Page 1 of 3

ATTENTION: Mr. Larry Marble

We are pleased to submit the following proposal and specifications for:

One (1) **AR PRODUCTS** Steel Belt Conveyor manufactured and engineered in accordance with **AR PRODUCTS** standards and based on the following specifications:

APPLICATION:

C style feed system. Discharge elevation 14'-5" top of belt. Feed: mixed waste discharge to 60" x 40'-0" picking belt. PROJECT: HARDEE COUNTY.

PHYSICAL DIMENSIONS:

Belt Width	-	60" inside wings
Conveyor Length	-	Lower horizontal - 10'-0" CL./CL.
	-	Incline Section - 26'-6" CL./CL.
	-	Upper Horizontal - 00'-0" CL./CL.
	-	Total length - 36'-6" CL./CL.
Charging Height	-	12" Below tipping floor (TOB)
Discharge Height	-	14'-5" above tipping floor (TOB)
Curve	-	1-35 degree up

FRAME:

Design	-	Open, structural steel
Tracks	-	Upper 4"-13.8# ship channel
	-	Lower 2 1/2" x 3" x 3/8" angle
Wear Strip	-	1 1/2" x 1/4" FL (lower track only)
Vertical Supports	-	6" WF 15.0 lb/ft I-beam
Horizontal Supports	-	4" 7.7 lb/ft I-beam
Load - Impact Beams	-	4" 7.7 lb/ft I-beam on 30" centers
		(1 set) running full length of conveyor including incline and upper horizontal.
Side Skirts	-	36" above belt surface.
Wing Covers	-	.250 x 6 1/2 x 2 3/4 turned down over wings.
Side Covers	-	Expanded metal above lower horizontal section.
Inspection Panel	-	1 each side, bolted construction.
Oiler System	-	Gravity feed, 3 brush contact type, manual delivery, 1 gallon capacity.

BELTING:

- Type - AR PRODUCTS 6250-T-60-3-4-SB-CP, or equal die-formed, hinged steel (nominal 0.249") 6" pitch.
- Impact Shoes - 3" x 3" x 1" welded to the bottom of every other pan section on 30" center distance. Total belt length.
- Side Wings - 4" x .250" nominal, formed to interlock, arc welded to belt surface.

CHAIN:

- Heavy Duty - Die punched, 6" pitch chain.
- Type - AR PRODUCTS No. 6P-SB-2 strands, or equal.
- Side Bars - Double row, 2" wide x 1/4" thick C1045 bar, precision die punched.
- Bushings - 3/4" I.D. x 1-1/8" O.D. x 2-1/16" long, hardened RC 50-60, press fit into inner side bars.
- Pins - 3/4" diameter alloy steel, cottered. Pin ends are milled flat to lock into outer bars.
- Rollers - 3" diameter x 1-7/16" wide, single flange tread, made of hardened steel.
- Sprockets - 6" pitch, 6 tooth, 12" P.D., flame cut hardened steel.

BEARINGS: Ball type with heavy duty pillow blocks. One piece cast iron housings. Double lip seal design.

SHAFTS: Head and tail shaft are 1144 stress proof high carbon steel. Machined for correct sprocket/chain alignment.

DRIVE: 7.5 HP motor, shaft mounted reducer with mechanical and electrical overload protection. Adjustable overload protection for specific conveyor application.

ELECTRICAL CONTROLS: All field wiring to be furnished by others. Motor starter with NEMA 12 enclosure. Pre-wired for 460 volt operation.

INSTALLATION: Furnished by others.

SHIPPING: Shipped in 2 sections for minimum installation hours.

Florida Equipment & Machinery Co.
8338 Epicenter Blvd.
Lakeland, FL 33809

DATE: February 15, 1991
QUOTATION: 350/0215-91-60
DRAWING #: ARP-SL-FEHCP

ATTENTION: Mr. Larry Marble

We are pleased to submit the following proposal and specifications for:

One (1) AR PRODUCTS Rubber Belt Conveyor system.
60" width x 20'-0" Heavy Duty Design, 40 FPM, 0 degree
incline, discharge elevation 9'-3" top of belt.
Designed for above floor hopper feed.

SPECIFICATIONS:

Length - Horizontal section - 20'-0" CL./CL.
Total length - 20'-0" CL./CL.
Width - 60" belt
Belt Material - 200 lb. pull strength, nylon
carcus, PVC top cover.
Cleats - N/A
Head Pulley - 59" width, crowned and lagged, 10"
diameter.
Tail Pulley - 59" width, crowned wing design, 10"
diameter.
Idle Pulley - 5" diameter, sealed bearing design.
Bearings - Morse, cast iron with ball bearing
insert, double lip seal design.
Drive - 3.0 HP motor, C-face reducer, fully
guarded system.
Speed - 40 FPM fixed.
Controls - Motor starter, NEMA 12 enclosure,
pre-wired for 460 volt, 3 phase.

FRAME CONSTRUCTION:

Pan - 3/16" plate, one piece construction.
Side Skirts - 6" above belt surface, 3/16" formed
rolled edge.
Side Covers - N/A
Frame Supports - C-6" X 10.5# vertical, L-3 x 3 x 1/4
horizontal.
Bed Liner - N/A
Frame - 1 piece construction.
Feed Hopper - N/A

RBQUOTE

Florida Equipment & Machinery Co.
8338 Epicenter Blvd.
Lakeland, FL 33809-

DATE: February 15, 1991
QUOTATION: 350/0215-91-60
DRAWING #: ARP-SL-FEHCP

ATTENTION: Mr. Larry Marble

We are pleased to submit the following proposal and specifications for:

One (1) AR PRODUCTS Rubber Belt Conveyor system.
60" width x 40'-0" Heavy Duty Design, 35 FPM, 0 degree
incline, discharge elevation 11'-0" top of belt.
Designed for above floor hopper feed.

SPECIFICATIONS:

Length - Horizontal section - 40'-0" CL./CL.
Total length - 40'-0" CL./CL.
Width - 60" belt
Belt Material - 200 lb. pull strength, nylon
carcus, PVC top cover.
Cleats - N/A
Head Pulley - 59" width, crowned and lagged, 10"
diameter.
Tail Pulley - 59" width, crowned wing design, 10"
diameter.
Idle Pulley - 5" diameter, sealed bearing design.
Bearings - Morse, cast iron with ball bearing
insert, double lip seal design.
Drive - 5.0 HP motor, C-face reducer, fully
guarded system.
Speed - 35 FPM fixed.
Controls - Motor starter, NEMA 12 enclosure,
pre-wired for 460 volt, 3 phase.

FRAME CONSTRUCTION:

Pan - 3/16" plate, one piece construction.
Side Skirts - 6" above belt surface, 3/16" formed
rolled edge.
Side Covers - N/A
Frame Supports - C-6" X 10.5# vertical, L-3 x 3 x 1/4
horizontal.
Bed Liner - N/A
Frame - 1 piece construction.
Feed Hopper - Flared for above floor feed.

RBQUOTE

148B

any 10 pages

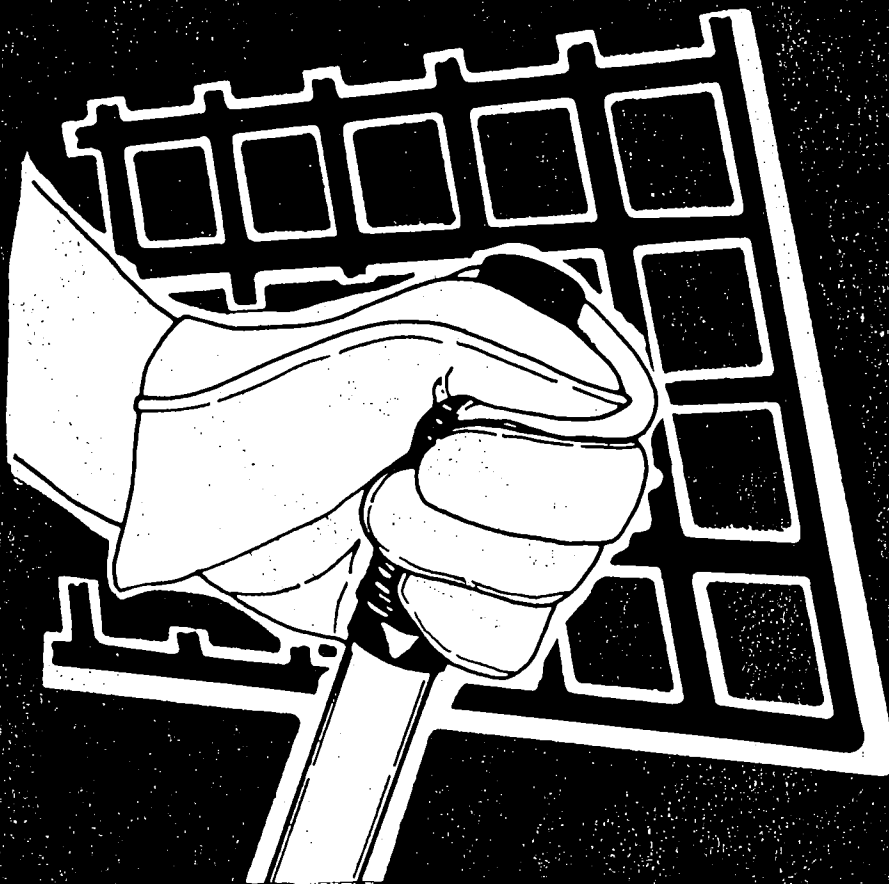


bobcat

843B

1-800-272 REED
7333

OPERATION & MAINTENANCE MANUAL



MELROE COMPANY



PREVENTIVE MAINTENANCE

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**PREVENTIVE
MAINTENANCE**

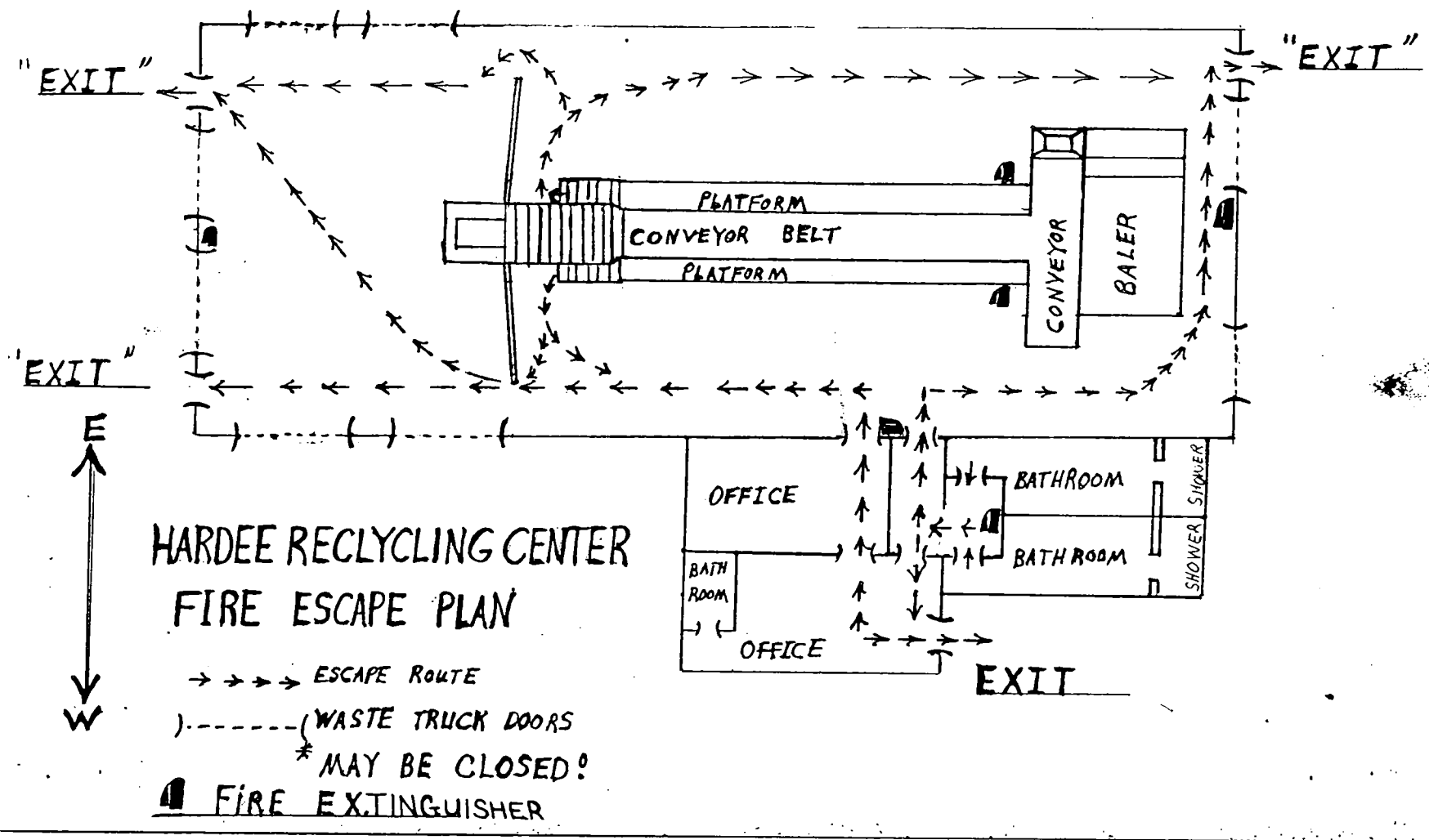
APPENDIX

B

D.E.P.

JUL 10 1995

SOUTH TAMPA



APPENDIX

C

D.E.P.
JUL 10 1995
SOUTHWEST DISTRICT
TAMPA

**HARDEE COUNTY MATERIAL RECOVERY FACILITY
METHOD OF STORAGE FOR RECYCLABLES**

MATERIAL	STORAGE UNPROCESSED/LOOSE	STORAGE PROCESSED/BALED	STORAGE TIME
GLASS - CLEAR AND AMBER	Stored in metal dump carts until carts are full. Metal dump carts are kept inside the facility, usually underneath the sorting belt.	Stored in one of two 25 cubic yard roll-off bins provided by the vendor. Bins are located outside of the facility on the south west side of the pavement	It takes approximately two to three months for the bins to be filled. Bins weigh an average of 9.5 tons.
ALUMINUM CANS	Loose aluminum cans are stored in plastic bins with covers. The bins are stored outside the south end of the facility beside the loading dock.	Baled aluminum cans are stored inside the facility directly behind the east containment wall of the tipping floor.	The storage time of aluminum varies greatly depending on market pricing and quantity. On the average it is stored four to six months.
STEEL OR TIN CANS	Loose steel or tin cans are stored in plastic bins with covers. The bins are stored outside the south end of the facility beside the loading dock.	Baled cans are transported to the scrap metal site located adjacent the Class I Landfill. Baled cans are sold along with the scrap metal. This site has a hard shell floor.	Scrap metal is usually stored for three to six months before selling
PLASTIC- NO. 1-7	Loose plastic is stored in a wooden, fenced storage area outside of the facility on the south west corner of the pavement. Outside storage is limited to two weeks.	Baled plastic is stored in a semi-box trailer located in the loading lock on the south end of the facility.	Storage of baled plastic is estimated to be six months.
NEWSPRINT	Loose newsprint is stored in the drop-off trailer located to the right at the entrance of the landfill.	N/A	Storage time may be as long as one year.
OCC	Loose cardboard is stored in a paved, fenced-in area connected to the east door of the facility. Cardboard is processed weekly.	Baled cardboard is stored outside of the facility on the south pavement.	Markets require 22 to 32 bales. This requires one to two months of storage time. Average loads weigh 22.5 tons.



WHAT IS RECYCLABLE



GLASS

ALL GLASS BOTTLES:
BEER, JUICE, SODA, WINE AND LIQUOR
BOTTLES, FOOD CONTAINERS, ETC...



ALUMINUM

BEVERAGE CANS, PIE PLATES, FOIL,
ETC...



STEEL OR TIN

FRUIT, VEGETABLE AND JUICE CANS,
PET FOOD CANS, STEEL LIDS FOUND ON
GLASS JARS, ETC...



PLASTICS

NUMBER 1 THROUGH NUMBER 7.
Numbers are on the bottom of the container
in a triangle of arrows.



NEWSPAPER

CLEAN - DRY NEWSPAPERS INCLUDING
THE INSERTS THAT COME WITH THE
PAPER.



CORRUGATED CARDBOARD

CORRUGATED CARDBOARD.

WHAT IS NOT RECYCLABLE

DISHES, MIRRORS, WINDOW GLASS,
LIGHT BULBS, CLAY, CRYSTAL, OR
CERAMICS.

ALUMINUM HEAVILY SOILED WITH
FOOD OR GARBAGE.

CANS HEAVILY SOILED WITH FOOD OR
GARBAGE.

STYROFOAM.

BOOKS, MAGAZINES, JUNK MAIL,
PHONE BOOKS, SCHOOL PAPERS, NO
STRINGS OR PLASTIC BAGS. NO WET,
OLD NEWSPAPERS PLEASE.

WAXED COATED CARDBOARD, CEREAL
AND FOOD BOXES. NO WET AND DIRTY
CARDBOARD PLEASE.

HOW TO PREPARE

- REMOVE LIDS
- RINSE LIGHTLY
(No need to remove labels)

- RINSE LIGHTLY

- REMOVE ALL FOOD AND ANY PLASTIC
LIDS AND RINSE LIGHTLY

- REMOVE LIDS AND RINGS
- RINSE LIGHTLY AND FLATTEN

- USE A PAPER BAG OR CARDBOARD
BOX TO STORE YOUR NEWSPAPERS IN
OR PLACE THEM IN YOUR RECYCLING
BAG

- FLATTEN AND TIE IN BUNDLES

GOOD NEWS: THERE'S NO NEED TO SEPARATE YOUR RECYCLABLES! JUST PUT ALL OF YOUR RECYCLABLES IN A CLEAR OR TRANSPARENT TRASH BAG AND WE WILL DO THE SEPARATING FOR YOU.

IF YOU HAVE GARBAGE PICK-UP, SET YOUR CLEAR RECYCLABLES TRASH BAG ON THE CURB WITH YOUR OTHER GARBAGE OR BRING IT TO THE HARDEE COUNTY RECYCLING CENTER LOCATED AT THE HARDEE COUNTY SANITARY LANDFILL ON AIRPORT RD.

HELPFUL HINTS

- To recycle without wasting water, rinse your recyclables in left over dish water or place them in left over spaces in your dishwasher.
- Save paper: use both sides.
- Use canvas or cloth shopping bags at the grocery store or be sure to recycle the plastic and paper bags.
- Cut your waste at lunch time: Use a lunch box, not disposable paper or plastic bags. Use reuseable containers for sandwiches, fruit, cookies, chips, and beverages.
- Share newspapers and magazine subscriptions with friends and neighbors, or donate them to hospitals or nursing homes.
- Don't throw away old clothing. Give it to an organization that helps the homeless or needy.
- Avoid excess packaging at the store. Look for products that require little or no packaging or buy concentrated products or large quantity products.
- Buy rechargeable batteries.
- The average baby needs six to ten thousand changes over three years. Consider using cloth diapers whenever possible.
- Use an electric razor or one that uses replaceable blades instead of disposable ones.

ACKNOWLEDGMENTS

Produced with the cooperation of Hardee County Department of Solid Waste and Recycling Center, Hardee County Board of County Commissioners, and Hardee County's Outdoor Classroom.

Distributed by the Hardee County School District and the Girl Scouts of America.

Portions of our logo were reprinted from D.O.E.'s 4R's Project.

It's Girl Scouting's 80th Birthday, and we're celebrating in a very special way! Girl Scouts all over the United States will be committing themselves to work on a service project in their community that demonstrates "GIRL SCOUTS CARING FOR THE EARTH".



FOR MORE INFORMATION ON RECYCLING

CALL: (813) 773-5089

OR WRITE TO:

HARDEE COUNTY
Department of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, Florida 33873



SAVE HARDEE COUNTY'S TOMORROW



RECYCLE TODAY

PROOF OF OWNERSHIP

Wauchula Abstract & Title Co., Inc.
Abstracts - Title Insurance - Title Searches

PHONE 773-9054 & 773-4378

P. O. BOX 1028

123 SOUTH 9TH AVE.

WAUCHULA, FLORIDA 33873

#87-827

October 23, 1987, at 5:00 P. M.

Board of County Commissioners
Hardee County
Public Works Department
412 West Orange Street
Wauchula, Florida 33873

Gentlemen:

This is to certify that we have made a search of the public records of Hardee County, Florida, regarding the root title to the following described property:

See Schedule "A" attached hereto

We find root title to this property begins with a Deed from The Trustees of the Internal Improvement Fund of the State of Florida to Florida Southern Railway Company, dated April 9, 1886, filed August 10, 1888, and recorded in Deed Book 4, page 773, re-recorded in Deed Book 17, page 95, Public Records of DeSoto County, Florida, as to E $\frac{1}{2}$ of NE $\frac{1}{4}$ of Section 35, Township 33 South, Range 25 East;

and with a Patent from the United States of America to Henry W. Edwards, dated September 24, 1912, filed January 23, 1913, and recorded in Deed Book 93, page 19, Public Records of DeSoto County, Florida, as to W $\frac{1}{2}$ of NE $\frac{1}{4}$ of Section 35, Township 33 South, Range 25 East.

We find that the E $\frac{1}{2}$ of NE $\frac{1}{4}$ was patented by the United States of America to the State of Florida as shown in Mayo Certificate recorded in O. R. Book 63, page 257.

Title was searched from date of the above Deed and Patent to and including October 23, 1987, at 5:00 P. M., and we find the fee simple title vested in:

Hardee County, a political subdivision of the State
of Florida

by virtue of that certain Special Warranty Deed from Mobil Oil Corporation, a corporation existing under the laws of the State of New York, to Hardee County, a political subdivision of the State of Florida, dated July 1, 1987, filed August 25, 1987, and recorded in O. R. Book 342, page 547;

and by virtue of that certain Easement from Mobil Oil Corporation, a New York corporation, to Hardee County, a political subdivision of the State of Florida, dated July 1, 1987, filed August 25, 1987, and recorded in O. R. Book 342, page 549.

Subject to the following:

- (1) Outstanding mineral rights of record as to the SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of NE $\frac{1}{4}$ and affects the property described in the Easement only.
- (2) Special Warranty Deed from Mobil Oil Corporation to Hardee County recorded in O. R. Book 342, page 547, was signed in name of Mobil Oil Corporation by J. P. Rogers and D. C. Ferro as Attorney-in-Fact. No Power of Attorney for either party is recorded in public records of Hardee County.
- (3) Easement from Mobil Oil Corporation to Hardee County recorded in O. R. Book 342, page 549, was signed in name of Mobil Oil Corporation by J. P. Rogers, Attorney-in-Fact. No Power of Attorney is recorded in Public Records of Hardee County.
- (4) Reservation of a strip of ground 15 feet wide along section and half section lines to be used as one-half of right of way for public roads in Deed Book 1, page 407, public records of Hardee County, Florida.
- (5) Obligations and Hold Harmless agreement set out in Special Warranty Deed from Mobil Oil Corporation to Hardee County, filed August 25, 1987, and recorded in O. R. Book 342, page 547.
- (6) Obligations and Hold Harmless agreement as set out in Easement from Mobil Oil Corporation to Hardee County, filed August 25, 1987, and recorded in O. R. Book 342, page 549.

The County Taxes are paid up to and including 1986.

We find no other reservations or easements of record except as shown above.

There are no outstanding mortgages, liens or other encumbrances of any kind against the foregoing described land for the time covered by this Certificate.

This report is not to be construed as a Certificate of Title or a Guaranty of said Title, but is limited to the record information specified above. Liability hereunder shall be limited to the amount paid for this report.

Respectfully,

WAUCHULA ABSTRACT & TITLE CO., INC.



Max A. Campbell, President

MAC:afn

Attachments

SCHEDULE "A"

Begin at the Southeast corner of the NE $\frac{1}{4}$ of Section 35, Township 33 South, Range 25 East, and go West 660 feet to the Point of Beginning, thence run North 2,640 feet, thence West 1,650 feet, thence South 2,310 feet, thence East 330 feet, thence South 330 feet, thence East 1,320 feet to the Point of Beginning;

Together with an non-exclusive easement over, along and across the real property located in Hardee County, Florida, described as follows:

Begin at the Southeast corner of the NE $\frac{1}{4}$ of Section 35, Township 33 South, Range 25 East, and go West 660 feet, thence North 455 feet to a Point of Beginning, being a tract of land 30 feet right and 30 feet left of the following described line: From a point of beginning proceed East approximately 660 feet to the centerline of Airport Road.

This Instrument Prepared By:
GEORGE F. DUNLAP, III
DUNLAP, & BLAKEMAN
P. O. Drawer 30
Gartow, Florida 33830

FILED AND RECORDED IN
OFFICIAL RECORDS, RECORD VERIFIED
AUG 25 1987 8:30 A M
COLEMAN W. BEST, CLERK CIRCUIT CRT.
BY BSC HARDEE COUNTY, FL

874867

EASEMENT

MOBIL OIL CORPORATION, a New York corporation, the "Grantor" for and in consideration of the sum of One Dollar (\$1.00) and other valuable considerations received from HARDEE COUNTY, a political subdivision of the State of Florida, the "Grantee," whose mailing address is: 412 West Orange Street, Wauchula, Florida 33873, hereby grants to the Grantee a non-exclusive easement over, along and across the real property located in Hardee County, Florida, described as follows:

Begin at the SE corner of the NE-1/4 of Section 35, Township 33 South, Range 25 East and go West 660 feet, thence North 455 feet to a point of beginning; being a tract of land 30 feet right and 30 feet left of the following-described line: From a point of beginning, proceed East approximately 660 feet to the centerline of Airport Road,

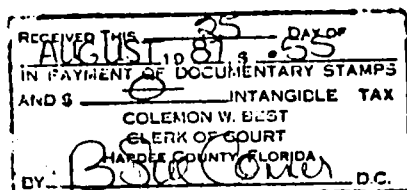
for use as ingress and egress from Airport Road to the following-described lands this day conveyed by Grantor to Grantee:

Begin at the SE corner of the NE-1/4 of Section 35, Township 33 South, Range 25 East and go West 660 feet to the point of beginning, thence run North 2,640 feet, thence West 1,650 feet, thence South 2,310 feet, thence East 330 feet, thence South 330 feet, thence East 1,320 feet to the point of beginning.

TO HAVE AND TO HOLD the same unto the said Grantee until this easement is terminated upon the abandonment of said easement by the Grantee or upon 90 days written notice of termination given by Grantor to Grantee, and Grantee shall thereupon execute and deliver to Grantor a recordable document acknowledging said termination.

AND the Grantee shall defend, indemnify and hold harmless the Grantor, its agents, employees and assigns, from any and all losses, liabilities, penalties, expenses, damages, demands, and claims (including costs of defense and reasonable attorneys' fees) in connection with or arising out of any injury or alleged injury (including death) to any person, or damage or alleged damage to property, or contamination of or adverse effects on the environment, or any violation of governmental laws, regulations, orders, permits or permit conditions, caused or sustained or alleged to have been caused or sustained in connection with, or to have arisen out of or to have occurred in connection with, the use or occupancy of the easement, whether by the Grantee or by any transferee, lessee, assignee, licensee or contractor of the Grantee or by any successor in interest to the Grantee, and whether or not the event, cause, circumstance or condition giving rise to the claim or liability is (i) known or unknown as of the date hereof, or (ii) occurred prior or subsequent to the date hereof.

AND the Grantee further agrees that the above obligations shall be inserted in any transfer, lease or assignment of the easement or in any license or contract with respect to the use of the easement, and that those obligations shall, to the extent legally permissible, be a covenant running with the land, binding

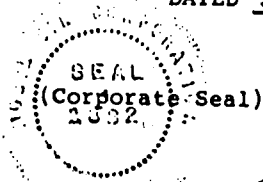


342 549

50

on the Grantee's successors and assigns and all other subsequent owners of the easement.

DATED July 1, 1987



MOBIL OIL CORPORATION

By

J.P. Rozen

Attorney in Fact

ATTEST:

[Signature]

Assistant Secretary

Signed, sealed and delivered
in the presence of:

Sam E. Heath

[Signature]

UP STATE OF NEW YORK VIRGINIA
COUNTY OF NEW YORK HANOVER

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared J.P. Rozen and M.B. Wyatt well known to me to be the Attorney in Fact and Assistant Secretary of the corporation named as grantor in the foregoing Easement, and that they severally acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in them by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 1st day of July, 1987.

(Notarial Seal)

Carol A. Rombertox
Notary Public

My commission expires:

MY COMMISSION EXPIRES OCTOBER 6, 1990

874867

342 550

51

This Instrument Prepared By:
GEORGE T. DUNLAP, III
DUNLAP, & BLAKEMAN
P. O. Drawer 30
Gartow, Florida 33830

874866

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED Made the 1st day of July, 1987 by MOBIL OIL CORPORATION, a corporation existing under the laws of the State of New York, and having its principal place of business at New York, New York, hereinafter called the grantor, to HARDEE COUNTY, a political subdivision of the State of Florida, whose post office address is 412 West Orange Street, Wauchula, Florida 33873, hereinafter called the grantee:

WITNESSETH: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee, all that certain land situate in Hardee County, Florida, viz:

Begin at the SE corner of the NE-1/4 of Section 35, Township 33 South, Range 25 East and go West 660 feet to the point of beginning, thence run North 2,640 feet, thence West 1,650 feet, thence South 2,310 feet, thence East 330 feet, thence South 330 feet, thence East 1,320 feet to the point of beginning.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under the said grantor.

AND the grantee shall defend, indemnify and hold harmless the grantor, its agents, employees and assigns, from any and all losses, liabilities, penalties, expenses, damages, demands, and claims (including costs of defense and reasonable attorneys' fees) in connection with or arising out of any injury or alleged injury (including death) to any person, or damage or alleged damage to property, or contamination of or adverse effects on the environment, or any violation of governmental laws, regulations, orders, permits or permit conditions, caused or sustained or alleged to have been caused or sustained in connection with, or to have arisen out of or to have occurred in connection with, the use or occupancy of the land, whether by the grantee or by any transferee, lessee, assignee, licensee or contractor of the grantee or by any successor in interest to the grantee, and whether or not the event, cause, circumstance or condition giving rise to the claim or liability is (i) known or unknown as of the date hereof, or (ii) occurred prior or subsequent to the date hereof.

AND the grantee further agrees that the above obligations shall be inserted in any transfer, lease or assignment of the land or in any license or contract with respect to the use of the land, and that those obligations shall, to the extent legally permissible, be a covenant running with the land, binding on the grantee's successors and assigns and all other subsequent owners of the land.

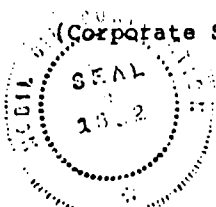
AND the parties hereby acknowledge and confirm that the prior Lease Agreement between the parties regarding said lands is hereupon terminated.

IN WITNESS WHEREOF the grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto

342-547

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affixed, by its proper officers thereunto duly authorized, the day and year first above written.



MOBIL OIL CORPORATION

By

J. P. Rogers
Attorney in Fact

By

J. P. Rogers
Attorney in Fact

ATTEST:

[Signature]
Assistant Secretary

Signed, sealed and delivered
in the presence of:

[Signature]
[Signature]

Chp STATE OF NEW YORK VIRGINIA
COUNTY OF NEW YORK HANOVER

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared J. P. Rogers and D. C. Ferro and D. B. Wyatt well known to me to be the Attorneys in Fact and Assistant Secretary of the corporation named as grantor in the foregoing deed, and that they severally acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in them by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 1st day of July, 1987.

(Notarial Seal)

[Signature]
Notary Public

My commission expires:

MY COMMISSION EXPIRES OCTOBER 6, 1990

FILED AND RECORDED IN
OFFICIAL RECORDS, RECORD VERIFIED
AUG 25 1987 8:30 AM
COLEMAN W. BEST, CLERK CIRCUIT CRT.
BY BSC HANDEE COUNTY, FL

RECEIVED THIS	25	PAY OF
AUG	1987	55
IN PAYMENT OF DOCUMENTARY STAMPS		
AND \$	5	INTANGIBLE TAX
COLEMAN W. BEST		
CLERK OF COURT		
HANDEE COUNTY, FLORIDA		
BY	<u>[Signature]</u>	D.C.

INDEXED

WARRANTY DEED.

THIS INDENTURE, Made this 15th day of June A D 1921, between The Wauchula Development Co., a corporation existing under the laws of the State of Florida, party of the first part, and W. A. COLE, party of the second part, WITNESSETH: That the said party of the first part, for and in consideration of the sum of One dollar and other good and valuable considerations, to it in hand paid the receipt whereof is hereby acknowledged, has bargained, sold and transferred, unto the said party of the second part, his successors and assigns forever, all that certain parcel of land lying and being in the County of Hardee, State of Florida, more particularly described as follows:

West one half ($W\frac{1}{2}$) of the South-east one-quarter ($SE\frac{1}{4}$) of the North-east one-quarter ($NE\frac{1}{4}$) of Section Thirty-five (35) Township Thirty-three (33) South Range Twenty-five (25) East. (\$1.00 U S Rev Stamps Cancelled)

Excepting and Reserving, however, unto the party of the first part, its successors and assigns, a strip of ground fifteen feet wide along section and half-section lines to be used as one-half of right of way for public roads.

And the said party of the first part does hereby fully warrant the title to said lands, and will defend the same against the lawful claims of all persons.

IN WITNESS WHEREOF, said party of the first part has caused these presents to be signed in its name by its President, and its corporate seal to be affixed, hereto, the day and year above written.

Signed, sealed and delivered in

our presence as witnesses;
C L Richardson Jr
P M Dewey

CORPORATE
SEAL

THE WAUCHULA DEVELOPMENT COMPANY
By H B Rainey
Vice-President.

STATE OF FLORIDA)
COUNTY OF HARDEE.)

I do hereby certify that on this 20th day of June A D 1921, before me personally appeared Homer B Rainey, Vice-President of The Wauchula Development Company, a corporation existing under the laws of the State of Florida, to me known to be the person described, in and who executed the foregoing conveyance and acknowledged the execution thereof to be his free act and deed as such officer for the uses and purposes therein mentioned, and that he caused to be affixed thereto the official seal of said corporation.

WITNESS my signature and official seal at Wauchula, in the County of Hardee State of Florida, the day and year aforesaid.

(S E A L)

C A Samuelson, (Seal) Notary Public, State of Florida. My commission as Notary expires on the 8 day of January 1925.

I Hereby certify that the above and foregoing is a true and correct copy of the original as filed for record this the 21st day of December 1921.

Geo M Hardee
Clerk Circuit Court
By Miles Warren
Deputy Clerk

ENFORCEMENT HISTORY

Hardee County has not been subjected to nor is under any enforcement actions by DEP regarding this facility or the Hardee County Sanitary Landfill.

PROOF OF PUBLICATION

No publication is required for renewal application.

AIRPORT SAFETY

The nearest airport is located greater than five miles from the facility site (8.0 miles to Wauchula Airport). See location map for location of Wauchula Airport.

RECYCLING/WASTE FLOW

TABLE 1
MUNICIPAL SOLID WASTE
COLLECTION AND RECYCLING

(July 1, 1993-June 30, 1994)

If utilizing Excel 4.0 or 5.0, do not alter any formats, do not enter information in shaded areas. Calculations will be done automatically.

COUNTY: Hardee		1993 POPULATION ¹ :		22,035			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Materials Type	Collected Tons ²	Percent Total Tons ³	Pounds per Capita per Day ⁴	Recycled Tons			Percent Recycled ⁵
				Public	Private	Total	
1. Minimum 5 Materials ⁶							
a. Newspaper	836	4	0.21	11	78	89	11
b. Glass	1,000	5	0.25	64	0	64	6
c. Aluminum cans	547	3	0.14	14	244	258	47
d. Plastic bottles	345	2	0.09	21	0	21	6
e. Steel cans	303	1	0.08	14	0	14	5
2. Special Waste Materials ⁷							
a. C&D debris	2,720	13	0.68	0	0	0	0
b. Yard trash	1,482	7	0.37	1,469	0	1,469	99
c. White goods	194	1	0.05	139	55	194	100
d. Tires	146	1	0.04	146	0	146	100
e. Process fuel ⁸	NA	NA	NA			0	100
3. Other Waste Materials							
a. Other plastics	591	3	0.15	0	2	2	0
b. Ferrous metals	350	2	0.09	300	0	300	86
c. Non-ferrous metals	29	0	0.01	15	1	16	55
d. Corrugated paper	2,384	12	0.59	197	884	1,081	45
e. Office paper	136	1	0.03	0	50	50	37
f. Other paper	1,568	8	0.39	0	0	0	0
g. Food	862	4	0.21	0	105	105	12
h. Textiles	411	2	0.10	0	108	108	26
i. Miscellaneous	6,541	32	1.63	975	168	1,143	17
4. County Totals	20,445	100	5.08	3,365	1,695	5,060	25

Must=100%

No rates>100%

5. MSW Management (tons)

a. Recycled (Line 4, Column 7)	5,060
b. Landfilled	15,385
c. Combusted	0
d. Total MSW=5a+5b+5c	20,445

(Must Equal Line 4, Column 2 of the Table and Line 4, Column 2 of TABLE 3.)

6. Adjusted Recycling Rate Calculations⁷

a. Total tons of special wastes recycled. (Add lines 2a through 2e, column 7)	1,808
b. Special waste recycling percent (Divide line 6a by line 4, column 2 and multiply times 100.)	8.8
c. Line 4, column 8 minus line 6b.	15.9
Adjusted Recycling Rate (6d or 6e the value not equal to 0)	
d. If line 6b is equal to or greater than 15%, enter here line 6c plus 15%.	0%
e. If line 6b is less than 15%, enter here line 4, column 8.	2475%

¹ Use the official April 1, 1993 population figures provided by FDEP.

² Collected Tons = Tons Recycled + Tons Landfilled + Tons Combusted.

³ Percent Total Tons = column 2 (material type tons) divided by column 2, line 4 (total county tons generated) times 100. **County Total must = 100%.**
Pounds/Capita/Day = column 2 (material type tons) times 2,000 pound/ton divided by the 1993 county population

⁴ Percent Recycled = column 7 (Total recycled tons) divided by column 2 (material type tons) times 100. **No recycling rates can be greater than 100%.**

⁵ The Legislature established a goal of 50 percent for each material by the end of 1994 for each county with a population over 50,000.

⁶ The total of all Special Waste Materials can count towards no more than one half of the 30 percent recycling goal for each county.

⁷ Process fuel (yard, wood and paper waste used in process boilers) should not be included in line 4, column 2 (total county tons generated), as they are accounted for in other material categories. They should be counted in line 4, column 7 (total county tons recycled).

TABLE 2
WASTE REDUCTION
GOALS WORKSHEET
 (July 1, 1993 - June 30, 1994)

*If utilizing Excel 4.0 or 5.0, first open TABLE 1, do not alter any formats, do not enter information in shaded areas.
 Calculations will be done automatically.*

COUNTY: Hardee

1. BASE YEAR #1: July 1, 1987 - June 30, 1988

a. Total MSW disposed (landfilled plus combusted)	33,527 Tons
b. Population (Official April 1, 1987 figure)	22,095 People
c. MSW/Capita: 1a/1b =	1.52 Tons/Capita

2. BASE YEAR #2: July 1, 1988 - June 30, 1989

a. Total MSW disposed (landfilled plus combusted)	35,726 Tons
b. Population (Official April 1, 1988 figure)	22,231 People
c. MSW/Capita: 2a/2b =	1.61 Tons/Capita

3. BASE YEAR #3: July 1, 1989 - June 30, 1990

a. Total MSW disposed (landfilled plus combusted)	21,395 Tons
b. Population (Official April 1, 1989 figure)	22,695 People
c. MSW/Capita: 3a/3b =	0.94 Tons/Capita

4. BASE YEAR #4: July 1, 1990 - June 30, 1991

a. Total MSW disposed (landfilled plus combusted)	30,216 Tons
b. Population (Official April 1, 1990 figure)	23,096 People
c. MSW/Capita: 3a/3b =	1.31 Tons/Capita

5. CURRENT YEAR: July 1, 1993 - June 30, 1994

a. Total MSW disposed (table 1, line 5b plus 5c)	15,385 Tons
b. Population (Official April 1, 1993 figure)	22,035 People
c. MSW/Capita: 4a/4b =	0.70 Tons/Capita

6. WASTE REDUCTION PROGRESS¹

a. Base Year #1 to Current Year:	$[(1c - 5c) / 1c] \times 100 =$	54%
b. Base Year #2 to Current Year:	$[(2c - 5c) / 2c] \times 100 =$	57%
c. Base Year #3 to Current Year:	$[(3c - 5c) / 3c] \times 100 =$	26%
c. Base Year #4 to Current Year:	$[(4c - 5c) / 4c] \times 100 =$	47%

¹ A negative number indicates that there has been an increase in the MSW disposal rate per capita.

TABLE 3
CURRENT AND FUTURE MUNICIPAL SOLID WASTE
COLLECTION AND RECYCLING BY GENERATOR TYPE
 (July 1, 1993-June 30, 1994, July 1, 1994-June 30, 1995 and July 1, 2013-June 30, 2014)

If utilizing Excel 4.0 or 5.0, first open TABLE 1, do not alter any formats, do not enter information in shaded areas. Calculations will be done automatically.

SECTION A

		COUNTY: Hardee		1993 POPULATION ¹ : 22,035	
(1)	(2)	(3)	(4)	(5)	(6)
Generator Type	Collected and Recycled July 1, 1993 - June 30, 1994				
	Collected Tons ²	Percent Total Tons ³	Pounds per Capita per Day ⁴	Recycled Tons	Percent Recycled ⁵
1. Residential Single Family	12,861	63	3.20	3,161	25
2. Residential Multi-Family	1,237	6	0.31	204	16
3. Commercial	6,347	31	1.58	1,695	27
4. County Totals	20,445	100	5.08	5,060	25
County Totals as Reported in Table 1:	20,445	Must = 100%	5.08	5,060	25

NOTE: Section A, Line 4, Columns 2,4,5,6 (Generator Type County Totals) Must Equal TABLE 1, Line 4, Columns 2,4,7,8 (County Totals).

SECTION B

SECTION B

	1994 POPULATION :		22,888		2013 POPULATION:		23,066	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Generator Type	To Be Collected and Recycled July 1, 1994 - June 30, 1995					To Be Collected July 1, 2013 - June 30, 2014		
	Collected Tons ²	Percent Total Tons ³	Pounds per Capita per Day ⁴	Recycled Tons ⁵	Percent Recycled ⁵	Collected Tons ²	Percent Total Tons ⁶	Pounds per Capita per Day ⁷
1. Residential Single Family	13,368	63	3.20	3,609	27	13,472	63	3.20
2. Residential Multi-Family	1,273	6	0.30	229	18	1,283	6	0.30
3. Commercial	6,578	31	1.57	1,842	28	6,629	31	1.57
4. County Totals	21,219	100	5.08	5,680	27	21,384	100	5.08
Must = 100%					Must = 100%			

1 Use the official April 1, 1993 population figures provided by FDEP

Must = 100%

¹ Use the official April 1, 1993 population figures provided by FDEP.

² Collected Tons = Tons Recycled + Tons Landfilled + Tons Combusted.

³ Percent Total Tons = column 2 (generator type tons) divided by column 2, line 4 (total county tons collected) times 100.

⁴ Pounds/Capita/Day = column 2 (generator type tons) times 2,000 pound/ton divided by the 1993 county population.

⁵ Percent Recycled = column 5 (recycled tons) divided by column 2 (generator type tons) times 100.

⁶ Percent Total Tons = column 7 (generator type tons) divided by column 7, line 4 (total county tons collected) times 100.

⁷ Pounds/Capita/Day = column 7 (generator type tons) times 2,000 pound/ton divided by the 2013 county population.

TABLE 4
MUNICIPAL SOLID WASTE TO BE
COLLECTED AND RECYCLED

(July 1, 1994-June 30, 1995 and July 1, 2013- June 30, 2014)

If utilizing Excel 4.0 or 5.0, first open TABLES 1 & 3, do not alter any formats, do not enter information in shaded areas. Calculations will be done automatically.

COUNTY:	Hardee		1994 POPULATION:		22,888		2013 POPULATION:		23,066	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
Materials	To Be Collected and Recycled July 1, 1994 - June 30, 1995					To Be Collected July 1, 2013 - June 30, 2014				
	Collected Tons ¹	Percent Total Tons ²	Pounds per Capita per Day ³	Recycled Tons	Percent Recycled ⁴	Collected Tons ¹	Percent Total Tons ⁵	Pounds per Capita per Day ⁶		
1. Minimum 5 Materials ⁷										
a. Newspaper	879	4	0.21	105	12	888	4	0.21		
b. Glass	1,043	5	0.25	112	11	1,052	5	0.25		
c. Aluminum cans	590	3	0.14	295	50	599	3	0.14		
d. Plastic bottles	388	2	0.09	39	10	397	2	0.09		
e. Steel cans	346	2	0.08	35	10	355	2	0.08		
2. Special Waste Materials ⁸										
a. C&D debris	2,763	13	0.66	0	0	2,774	13	0.66		
b. Yard trash	1,525	7	0.37	1,525	100	1,536	7	0.36		
c. White goods	237	1	0.06	237	100	246	1	0.06		
d. Tires	189	1	0.05	189	100	198	1	0.05		
e. Process fuel ⁹	NA	NA	NA		100	NA	NA	NA		
3. Other Waste Materials										
a. Other plastics	634	3	0.15	3	0	643	3	0.15		
b. Ferrous metals	393	2	0.09	314	80	402	2	0.10		
c. Non-ferrous metals	72	0	0.02	36	50	81	0	0.02		
d. Corrugated paper	2,427	11	0.58	1,214	50	2,436	11	0.58		
e. Office paper	179	1	0.04	54	30	188	1	0.04		
f. Other paper	1,611	8	0.39	0	0	1,620	8	0.38		
g. Food	905	4	0.22	91	10	914	4	0.22		
h. Textiles	454	2	0.11	114	25	463	2	0.11		
i. Miscellaneous	6,584	31	1.58	1,317	20	6,592	31	1.57		
4. County Totals	21,219	100	5.08	5,680	27	21,384	100	5.08		
Totals as Reported in Table3:	21,219	Must = 100%	5.08	5,680	27	21,384	Must = 100%	5.08		
1 Collected Tons = Tons Reported in Table 3 2 Percent Total Tons = Percent Reported in Table 3 3 Pounds per Capita per Day = Pounds per Capita per Day Reported in Table 3 4 Percent Recycled = Percent Recycled Reported in Table 3 5 Percent Total Tons = Percent Total Tons Reported in Table 3 6 Pounds per Capita per Day = Pounds per Capita per Day Reported in Table 3 7 Minimum 5 Materials 8 Special Waste Materials 9 Process Fuel										

No rates > 100%

¹ Collected Tons = Tons Recycled + Tons Landfilled + Tons Combusted.

² Percent Total Tons = column 2 (material type tons) divided by column 2, line 4 (total county tons generated) times 100.

³ Pounds/Capita/Day = column 2 (material type tons) times 2,000 pound/ton divided by the 1993 county population.

⁴ Percent Recycled = column 5 (recycled tons) divided by column 2 (material type tons) times 100. *No recycling rates can be greater than 100%.*

⁵ Percent Total Tons = column 7 (material type tons) divided by column 7, line 4 (total county tons generated) times 100.

⁶ Pounds/Capita/Day = column 7 (material type tons) times 2,000 pound/ton divided by the 2013 county population.

⁷ The Legislature established a goal of 50 percent for each material by the end of 1994 for each county with a population over 50,000.

⁸ The total of these materials can count towards no more than one half of the 30 percent recycling goal for each county.

⁹ Process fuel (yard, wood and paper waste used in process boilers) should not be included in line 4, column 2 (total county tons collected), as they are accounted for in other material categories. They should be counted in line 4, column 5 (total county tons recycled).

TABLE 6
MUNICIPAL SOLID WASTE MANAGEMENT FACILITIES
AS OF JUNE 30, 1994

If utilizing Excel 4.0 or 5.0, first open TABLE 1, do not alter any formats, do not enter information in shaded areas. Calculations will be done automatically.

COUNTY: Hardee

1993 POPULATION¹: 22,035

Facility (List Landfills, then Waste-to-Energy Facilities)	Remaining Permitted Capacity			Planned Increase			Ownership Type (Place "X" in Column)	
	Landfill	Waste-to-Energy	Years Capacity	Landfill	Waste-to-Energy	Year	Public	Private
	(cubic yards)	(tons per day)	Remaining	(cubic yards)	(tons per day)	On-line		
1. Hardee County - Class I	315,221	0	9				x	
2. Hardee County - Class III	8,113	0	2				x	
3. Hardee County - C&D Site	66,168	0	9				x	
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								
16.								
17.								
18.								
19.								
20.								
21.								
22.								
Totals	3	389,502	0	20	0	0	3	0

¹ Use the official April 1, 1993 population figures provided by FDEP.

CLOSURE PLAN

Hardee County will notify DEP 180 days prior to closure of the material recovery facility (MRF).

Within 30 days of receipt of final waste, Hardee County shall start closure cleanup.

The MRF processes approximately 55 tons per day average of material plus the on-site temporary storage of recyclables may approach 15 tons for a total of 70 tons of material that may require processing if the facility closed on an emergency basis. It is assumed that four vehicles could transport this waste to a facility permitted for disposal. Using the same values as above-referenced, transportation and disposal would reflect a total estimated cost of \$2,500. Adding an additional \$1,000 for general site cleanup for the combined tire/MRF area; the resulting total cost is estimated at \$6,500.

Completion of closure activities shall be completed within 180 days of receipt of final waste and DEP will be notified that closure is complete.

All closure costs for this facility will become a part of the Financial Assurance Cost Estimate for closure of the Hardee County Landfill. The Financial Assurance Cost Estimate was submitted to DEP February, 1995. That Financial Assurance Cost Estimate is being revised and submitted within ten days of this application.